

## SCHEDULE 2—USES AND APPLICATIONS

- Agriculture; horticulture; forestry—**
- S1001 . in general
  - S1002 . tools and machinery in general
  - S1003 . chemicals and materials in general
    - . . . specific chemicals and materials—*See* terms S1304-S1343 or terms S1463-S1569 *below*
    - . . . specified operations, tools and equipment therefor—
    - . . . hand tools—*See* terms S1679-S1692 *below*
  - S1004 . . irrigation and drainage systems; watering generally; applying crop and garden liquids
    - . . . . piped water supply systems—*See* term S1885 *below*
    - . . . . dispensers for crop and garden liquids; watering cans—*See* eg terms S1888-S1890, S1893, S1895 *below*
  - S1005 . . soil working, *eg* ploughing, harrowing
    - . . . . bulk earth working, *eg* excavating—*See* terms S1760-S1765 *below*
  - S1006 . . distributing and spreading manure, seeds, fertilizers; planting
  - S1007 . . harvesting; mowing
  - S1008 . . trimming and pruning
  - S1009 . . other
  - S1010 . plant and crop housing, storing, supporting; equipment therefor—
    - . . in general
    - . . . farm and agricultural buildings of general use, *eg* barns—*See* term S1730 *below*
  - S1012 . . covering and housing growing plants; cloches, propagators, greenhouses
  - S1013 . . storing crops; silos and clamps
  - S1014 . . supporting and holding growing plants; flower pots
    - . . . . containers generally—*See* terms S1786-S1812 *below*
  - S1015 . cultivated areas (*eg* fields, gardens, lawns)
- Animal care, rearing and catching; animal accoutrements—**
- S1016 . in general
  - S1017 . apparel and miscellaneous accoutrements (*eg* shoes, saddlery, spurs, whips)
    - . . saddle bags—*See* term S1810 *below*
  - S1018 . shelters and enclosures for housing and rearing (*eg* pens, aviaries, aquaria, beehives); perches; cattle grids
    - . . agricultural buildings and enclosures of general use, *eg* barns—*See* term S1730 *below*
    - . . specified operations, tools and equipment therefor—
    - . . . destroying and slaughtering—*See* term S1187 *below*
    - . . . veterinary treatment—*See* terms S1025-S1067 *below*
  - S1019 . . milking; shearing
  - S1020 . . washing, grooming, marking, tagging, branding, shoeing
    - . . . . materials for—*See* eg terms S1376-S1379 *below*
    - . . . . combs, brushes, files, scissors, clippers—*See* terms S1681, S1683, S1685, S1688 *below*
  - S1021 . . feeding and watering; troughs and automatic feeders
  - S1022 . . fishing
  - S1023 . . catching and trapping *other than* fishing
  - S1024 . . other operations for which no provision exists elsewhere in Schedule 2
- Medicine; surgery; veterinary treatment—**
- S1025 . in general
    - . . specific treatment fields; specialised instruments (*other than* diagnostic) for use therein—
    - . . . equipment involving administration and/or detection of radiation—*See* terms S1031, S1032 *below*
    - . . . diagnostic equipment—*See* terms S1053-S1059 *below*
  - S1026 . . veterinary equipment
  - S1027 . . surgery generally
  - S1028 . . dentistry
  - S1029 . . ophthalmology

- S1030 . . other than the above
- . . other equipment and materials; diagnosis—
- . . furniture (eg beds, tables and chairs)—*See* terms S1206-S1224 *below*
- . . exercising apparatus—*See* term S1170 *below*
- . . pharmaceuticals—*See* terms S1310-S1330 *below*
- . . equipment involving the administration and/or detection of radiation such as X-rays, ultrasound, radio waves, laser beams—
- . . . scanning equipment
- S1031 . . . other
- S1032 . . . prostheses—
- S1033 . . . in general
- . . . for use with or as replacement for—
- S1034 . . . . teeth and associated parts
- S1035 . . . . hearts
- S1036 . . . . veins and arteries
- . . . . skeletal parts—
- S1037 . . . . . in general
- S1038 . . . . . joints
- S1039 . . . . . other than joints
- S1040 . . . . eyes and parts thereof
- S1041 . . . . limbs
- S1042 . . . . hair
- . . . . . wigs—*See* term S1124 *below*
- . . . . other
- S1043 . . . limb supports (eg splints and slings); traction equipment
- S1044 . . sanitary equipment (eg bed pans, commodes)
- S1045 . . respiratory appliances; anaesthetic apparatus
- S1046 . . medical life support systems
- S1047 . . contraceptive devices
- S1048 . . bandages, dressings and swabs
- S1049 . . . absorbent pads, diapers—*See* term S1122 *below*
- . . . devices for administering drugs or removing body fluids—
- . . . in general
- S1050 . . . syringes
- S1051 . . . other
- S1052 . . . diagnosis; diagnostic equipment—
- . . . in general
- S1053 . . . equipment utilising radiation—*See* terms S1031, S1032 *above*
- S1054 . . . for measuring electrical parameters (eg ECG, EEG, EKG equipment)
- . . . for measuring or testing other parameters—
- S1055 . . . . blood pressure; blood flow rate
- S1056 . . . . heart or pulse rate or sounds
- S1057 . . . . temperature; respiration; muscular behaviour
- S1058 . . . . dental parameters; eyesight and related parameters; hearing
- S1059 . . . . other
- S1060 . . massaging equipment
- S1061 . . invalids' and babies' walking frames and aids; crutches
- . . . walking sticks—*See* term S1151 *below*
- . . sensory aids—
- S1062 . . . in general
- . . . sight—
- S1063 . . . . in general
- S1064 . . . . . contact lenses
- S1065 . . . . . spectacles; spectacle lenses; spectacle frames
- S1066 . . . hearing and other aids
- S1067 . . other medical equipment and materials
- S1068 **Micro-biology; bio-engineering; genetics** [see also Schedule 4]
- . . particular materials used or treated—*See* terms S1254-S1303 *below*

- Food and drink—**
- S1069 . in general
  - S1070 . food processing in general
    - . . specific processing operations; tools and equipment therefor—
    - . . *Note:* foods characterised only by being products of one of the following coded processes (*eg* fried foods, baked food products) may be indexed here by the appropriate term
    - . . washing and cleaning food—*See* term S1243 *below*
    - . . packaging—*See* terms S1813-S1816 *below*
  - S2400 . . cooking, frying and baking (*including* industrial and domestic cookers, and ovens, hobs and hotplates, pressure cookers, grills and toasters)
  - S1071 . . coring, shelling, peeling, seeding
    - . . . juice extracting—*See* term S1251 *below*
  - S1072 . . preserving
    - . . operations *other than* the above and for which provision exists under terms S1603-S1636 *below* are *not* indexed under this subdivision, but a term for food or a food product is added when appropriate
    - . . other specific processing operations and equipment
  - S1073 . foodstuffs in general
  - S1074 . food products—
    - . . naturally occurring materials useable *per se* as food or food additives and not listed under this subdivision (*eg* vegetables, salt)—*See* terms S1273-S1303 *below*
    - . . synthesised or refined food additives, *eg* flavouring—*See* terms S1338-S1339 *below*
    - . . confectionery and sugar-based foods—
  - S1075 . . . in general
    - . . . sugar *per se*—*See* term S1517 *below*
  - S1076 . . . ice-cream
  - S1077 . . . chocolate and chocolate products
  - S1078 . . . jams, jellies, marmalades and like preserves; syrup
  - S1079 . . . other
  - S1080 . . soups, broths; gravies
  - S1081 . . meat and fish products (*other than* pastes, soup, broths and gravies), *eg* sausages, hamburgers, fish-fingers
  - S1082 . . pastes and spreads (*including* pickles, mayonnaises and ketchups)
  - S1083 . . malt; yeast extracts
  - S1084 . . chips and crisps
  - . . dairy products—
  - S1085 . . . in general
    - . . . ice-cream—*See* term S1076 *above*
  - S1086 . . . butter; cheese; yoghurt
  - S1087 . . . non-curdled milk products and beverages (*eg* custards and milk shakes); custard and milk powders
  - S1088 . . . other
  - S1089 . . cooking and salad oils and fats; margarines
  - S1090 . . condiments; herbs and spices
  - . . cereal and farinaceous products—
  - S1091 . . . in general
    - . . . crisps—*See* term S1084 *above*
  - S1092 . . . doughs, batters, pastry; flour *per se*
  - S1093 . . . bread and cakes; loaves
  - S1094 . . . biscuits
  - S1095 . . . sandwiches, pies, tarts, pizzas and like filled or layered dough products
  - S1096 . . . breakfast-type cereal products
  - S1097 . . . other
  - S1098 . . “whole-diet” foods
  - S1099 . . domestic pet foods
  - S1100 . . processed animal foods (*other than* domestic pet foods), *eg* hay, silage
  - S1101 . . edible food casings
  - S1102 . . other food products

- S1103 . beverage products—
  - . . in general
  - . . non-alcoholic beverages and beverage concentrates—
- S1104 . . . in general
  - . . . milk-based beverages—*See term S1087 above*
  - . . . coffee, tea, cocoa and beverages based thereon
- S1105 . . . carbonated beverages
- S1106 . . . artificial and compounded fruit juices
- S1107 . . . other
- S1108 . . alcoholic beverages—
  - . . . in general
- S1109 . . . wines and spirits
- S1110 . . . beers and lager; cider
- S1111 . . . other
- S1112
  
- Tobacco and tobacco products—**
  - S1113 . in general
  - S1114 . rolled tobacco products (*eg* cigars and cigarettes)
  - S1115 . other tobacco products
    - . . tobacco substitutes—*See term S1344 below*
  - S1116 . cigarette papers; filter tips
  - S1117 . manufacturing operations, tools and equipment therefor
    - . . non-shaping operations and converting operations of general application—*See terms S1603-S1636 below*
  
- S1118 **Smokers' requisites (eg pipes, pipe-cleaners, lighters, ashtrays, tobacco pouches)**
  - . lighters in general—*See term S1950 below*
  
- Personal hygiene and grooming—**
  - S1119 . in general
    - . materials—*See eg terms S1340-S1343, S1377, S1378 below*
    - . brushes, combs, files, scissors and clippers—*See terms S1681, S1683, S1685, S1688 below*
    - . baths, basins, showers and other household fittings—*See term S1713 below*
    - . scent sprays, deodorant applicators and like dispensers—*See terms S1893-S1895 below*
    - . for skin and body—
  - S1120 . . in general; hygiene and grooming operations *including* sun tanning
    - . . artificial sun-ray lamps and equipment—*See term S1928 below*
  - S1121 . . handkerchiefs, towels
  - S1122 . . nappies, diapers, sanitary towels, tampons, absorbent tissue products generally
  - S1123 . . other apparatus, devices and articles
  - S1124 . . for hair, eyelashes, and eyebrows (*including* wigs, curlers, driers, shavers, razors and blades therefor)
    - . . holders for hair (*eg* nets and clips)—*See term S1133 below*
  - S1125 . . for teeth
  - S1126 . . for nails
  
- Wearing apparel; life protection and support—**
  - S1127 . in general
  - S1128 . hats and other headwear
  - S1129 . footwear
  - S1130 . hosiery (*eg* socks, stockings and tights)
  - S1131 . handwear (*eg* gloves, mittens, muffs)
  - S1132 . neckwear (*eg* scarves, ties, cravats)
  - S1133 . hairwear (*eg* nets, clips, slides, ribbons and other securing devices)
    - . . treatment equipment; wigs—*See term S1124 above*
    - . . false hair *other than* wigs—*See term S1042 above*
    - . other apparel—
  - S1134 . . conventional weatherwear (*eg* top coats, raincoats, cloaks and anoraks)
  - S1135 . . underwear *other than* supportive wear; underwear in general
    - . . . nappies and other absorbent wear—*See term S1122 above*
    - . . supportive wear—
      - . . . brassieres
      - . . . other *including* corsets
  - S1136 . . other clothing (*eg* jackets, trousers, skirts, sweaters, blouses, shirts)
  - S1137
  - S1138

- S1139 . . apparel for special environments; life protection and support—
- S1140 . . eyeshades and shields; goggles
- . . . impact protective wear (*eg* crash helmets, padded wear, bullet-proof clothing and armour)
- . . . *Note*: index also nature of apparel, if appropriate, using terms *above*
- S1141 . . life-jackets and like buoyant aids
- S1142 . . safety belts and harnesses, air bags and like personal restraints
- S1143 . . parachutes
- S1144 . . “impermeable” suits for divers, firemen, astronauts &c
- S1145 . . breathing apparatus (non-medical); face, mouth and nose masks
- S1146 . . other
- . . clothing parts and auxiliaries—
- . . . fastenings *including* buttons—*See* terms S1776-S1778 *below*
- S1147 . . supporting and holding devices (*eg* braces, belts, suspenders, laces, chinstraps)
- S1148 . . donning and doffing aids (*eg* boot jacks, shoe-horns); protectors and shapers, *eg* shoe trees
- . . . trouser presses—*See* term S1229 *below*
- S1149 . . collars, cuffs, waistbands, turnups, lapels
- S1150 . . pockets, sleeves, linings
- S1151 . . walking sticks and their derivatives (*eg* shooting sticks, umbrellas, sunshades)
- S1152 . . jewellery
- S1153 . . other
  
- S1154 **Sports, games, exercising, entertainment; leisure activities *not otherwise provided for*—**
- . . in general (*including* references to particular fields of leisure such as camping)
- . . sports and entertainment buildings—*See* term S1724 *below*
- . . clothing and protective wear—*See* terms S1127-S1153 *above*
- . . weapons used for sport and games—*See* terms S1189-S1203 *below*
- . . active games and sports equipment—
- . . . in general
- S1155 . . . balls and pucks
- S1156 . . . projectiles *other than* balls; batons—
- S1157 . . . . in general
- . . . . shots—*See* term S1156 *above*
- . . . . javelins—*See* term S1201 *below*
- S1158 . . . . darts, shuttlecocks and other flighted devices
- . . . . . arrows—*See* term S1201 *below*
- S1159 . . . . other (*including* batons, hoops and quoits, discuses, “hammers”)
- . . . striking implements—
- S1160 . . . . in general
- S1161 . . . . . bats, clubs, rackets
- S1162 . . . . . others *including* cues
- S1163 . . . targets and goals (*including* nets, baskets, billiard table pockets)
- S1164 . . . barriers (*eg* nets and hurdles); starting gates, traps and like devices; starting blocks
- S1165 . . . small playing areas; surfaces and markings thereon *including* tables
- S1166 . . . large playing areas; surfaces and markings thereon (*including* marker posts such as corner and winning posts)
- S1167 . . swimming and bathing appliances and equipment
- . . . buoyant aids—*See* term S1141 *above*
- S1168 . . skis, skates, skate-boards, ski-poles
- . . . sledges and like vehicles—*See* term S1829 *below*
- S1169 . . climbing gear
- S1170 . . gymnastic, exercising and weight-lifting equipment *including* trapezes
- S1171 . . other equipment
- . . equipment for other games—
- S1172 . . . TV, video and “pin-ball”-type games
- S2425 . . . “virtual reality” games
- S1173 . . . board games
- S1174 . . . games of chance (*eg* roulette, bingo); dice; fruit machines
- S1175 . . . other than the above (*including* card games, puzzles and tricks)
- S1176 . . theatrical and like “performance” equipment
- S1177 . . fairground and playground equipment *not provided for above* (*eg* swings, see-saws, slides and roundabouts); climbing frames; mazes

**Rescue; lifesaving; retrieving from hazardous and awkward situations; preventing and combatting hazards—**

. *Note:* These terms are only applied to denote fields of use of equipment and operations which are not themselves peculiarly for use in these fields. For example index is not made here when term S1141 has been assigned for a life-jacket but index is made when equipment of potentially general application, *eg* a ladder, is particularly intended for use in the above fields

- S1178 . in general
- S1179 . fire-fighting and prevention
- S1180 . recovering and retrieving articles, people and animals from hazardous or awkward situations
- S1181 . combatting and preventing other hazards (*eg* explosion, toxic spillage)

**Destroying and disposing of materials, objects and living things—**

- S1182 . in general
- . weapons—*See* terms S1189-S1203 *below*
- S1183 . burial; cremation; disposing of dead bodies in general
- S1184 . waste disposal
- . . *Note:* index also nature of waste if significant
- S1185 . disinfecting; sterilizing; fumigating; pasteurising; combatting pests
- . . spraying crops—*See* term S1004 *above*
- S1186 . destroying and demolishing structures (*eg* buildings, car-bodies)
- S1187 . killing and slaughtering animals
- S1188 . destruction and disposal *not otherwise provided for*

**Warfare; weapons and ammunition; fireworks—**

- S1189 . in general
- . in projectile weapons—
- S1190 . . in general
- S1191 . . guns and parts thereof
- S1192 . . other
- . other than projectile weapons—
- S1193 . . in general
- S1194 . . flame, liquid, powder, gas or smoke discharge devices
- S1195 . . other
- . ammunition—
- S1196 . . in general
- S1197 . . self-propelled (*eg* rockets, missiles, torpedoes)
- S1198 . . bullets and shells
- S1199 . . bombs, grenades and mines
- S1200 . . detonators and fuzes
- S1201 . . other (*including* arrows, javelins)
- S1202 . fireworks, flares, firecrackers
- S1203 . weapon and ammunition holders (*eg* holsters, quivers); other equipment

S1204 **Religious and devotional items (*eg* crosses, altars, pulpits, fonts)**

S1205 **Toys and models**

. *Note:* this term is, when appropriate, co-ordinated with another term from this schedule to indicate the type of toy or model

**Furniture, furnishings; domestic stands and holders—**

- S1206 . in general
- . tripods—*See* term S2227 *below*
- . brackets and hooks—*See* terms S1771, S1773 *below*
- . castors—*See* term S1844 *below*
- . containers generally—*See* terms S1786-S1812 *below*
- . doors for furniture—*See* term S1714 *below*
- . rubbing and like trim strips for furniture—*See* term S2294 *below*
- S1207 . beds, bunks, cots, cradles, hammocks (*including* bed-settees and loungers)
- . . berths in vehicles and craft—*See* term S1857 *below*
- S1208 . seats and chairs (*including* stools, settees, pouffees)
- . . seats for vehicles and craft—*See* term S1857 *below*
- . . wheelchairs, pushchairs, prams—*See* term S1827 *below*

- S1209 . tables and desks *including* ironing boards
  - . . trolleys—*See* term S1827 *below*
- S1210 . counters, work-benches, work-tops; counter-screens and windows
- S1211 . racks and shelves (*including* racks for food and crockery); book-ends; book rests
  - . . vehicle luggage racks—*See* term S1863 *below*
  - . . for hand tools—*See* term S1692 *below*
- S1212 . cabinets (*including* filing cabinets); lockers, cupboards and wardrobes (*including* ottomans, chests of drawers, book-cases); built-in kitchen and like units
  - . . box and like files—*See* term S2262 *below*
- S1213 . mattresses, airbeds, cushions, pillows; upholstery generally
- S1214 . arm, foot, leg and headrests; kneelers
- S1215 . bed and table linen; napkins and napkin rings
- S1216 . blankets (*including* electric blankets), sleeping bags, duvets; ground sheets
- S1217 . furniture, loose covers
- S1218 . curtains, blinds and domestic screens (*including* fireguards and fenders); operating mechanisms for curtains and blinds
- S1219 . wall and ceiling coverings and linings (*including* tapestries and papers)
- S1220 . carpets, rugs, mats; underlays therefor; carpet and linoleum tiles; floor coverings in general
  - . . ceramic tiles—*See* term S1699 *below*
- S1221 . tablemats; doilies; coasters and like tableware supports
- S1222 . trays
- S1223 . trestles and easels
- S1224 . other

**Laundering—**

- S1225 . in general
- S1226 . washing and dry-cleaning machines
- S1227 . spin and tumble driers
- S1228 . hand washing devices, *eg* scrubbing boards
- S1229 . ironing and pressing devices; flat irons
- S1230 . other than the above (*including* wringers and mangles)

**Washing and cleaning (*other than* laundering)—**

- S1231 . in general
  - . materials—*See* terms S1376-S1379 *below*
  - . washing and cleaning animals—*See* term S1020 *above*
  - . cleaning devices for discs, tapes, recording &c heads—*See* term S2112 *below*
- S1232 . washing and cleaning buildings generally
- S1233 . carpet and floor sweeping; vacuum cleaners generally; *in situ* carpet washing
- S1234 . floor washing and polishing
- S1235 . chimney cleaning
- S1236 . window cleaning
  - . . windscreen washers and wipers—*See* term S1861 *below*
- S1237 . boot and shoe cleaning
- S1238 . dish and cutlery washing
- S1239 . street and railway track washing, sweeping and cleaning
- S1240 . vehicle washing
- S1241 . cleaning ships' hulls and other subaqueous structures
- S1242 . cleaning tanks, pipes and tubes
- S1243 . washing and cleaning food
- S1244 . washing and cleaning bulk materials *other than* food
- S1245 . washing and cleaning other specified articles
  - . . *Note:* a term, if any, for the specified article should be assigned with this term

**Winning, obtaining and prospecting for natural materials; obtaining relatively pure water—**

- . *Note:* index also the natural material (*other than* water) obtained if significant
- . winning natural materials from their natural environment—
- S1246 . . in general
- S1247 . . by mining
- S1248 . . by wells
- S1249 . . by *in situ* operations on the material (*eg* solvent extraction, melting, combustion)



- S1291 . . . . meat and offal (*including* fish and poultry); carcasses
- S1292 . . . . bones and bone marrow; teeth, nails, horns, tusks, antlers, pearls
- S1293 . . . . skins and hides; leather
- S1294 . . . . milk
- S1295 . . . . honey
- S1296 . . . . blood and like body fluids; saliva; digestive juices
- S1297 . . . . venom
- S1298 . . . . eggs and like reproductive bodies; semen
- S1299 . . . . body wastes; excrement
- S1300 . . . . spun fibres, *eg* silk
- S1301 . . . . feathers
- S1302 . . . . hair *including* wool
- S1303 . . . . other *including* cells

**Functionally defined materials—**

**. life process-affecting materials—**

. . . naturally occurring, or based, food products—*See* terms S1069-S1112 and S1254-S1303 *above*  
. . . bioactive—

- S1304 . . . biocides and pesticides in general
- S1305 . . . fertilisers, growth media, soil conditioners, composts
- S1306 . . . herbicides, fungicides (*other than* pharmaceuticals), plant growth regulants
- S1307 . . . disinfectants, fumigants, sterilising agents
- S1308 . . . insecticides, insect repellents, specific pesticides (*eg* acaricides, tickicides, nematocides)
- S1309 . . . poisons or toxic materials *not otherwise provided for* (*eg* rodenticides)  
. . . radioactive materials—*See* term S1361 *below*  
. . . pharmaceuticals, drugs, medicines (*including* veterinary drugs)—
- S1310 . . . . in general  
. . . . specified physiological activity—
- f S2410 . . . . anti-infective (*ie* anti-bacterial, anti-fungal and anti-viral, *but not* anti-parasitic or anti-infestive  
*and not* vaccines); antiseptic; antibiotics generally; urinary anti-infectives
- S1312 . . . . anti-parasitic or anti-infestive (*eg* anthelmintic, anti-protozoal, anti-amoebic, anti-malarial, anti-  
bilharzial, coccidiostatic, anti-trypanosomes)
- S1313 . . . . anti-neoplastic (*ie* for treating cancers, leukaemias and other oncogenic diseases)
- f S2411 . . . . immuno-suppressive; immuno-stimulant
- f S2412 . . . . sex hormones *including* contraceptive hormones (*eg* androgenic, estrogenic, progestational)
- f S2413 . . . . endocrine (*eg* hormones *other than* sex hormones, *but including* hypo- and hyper-glycaemics,  
thyroid, pituitary, adrenal, corticoids)
- S1317 . . . . metabolic or nutritional (*eg* non-hormonal metabolic affectors, nutrients, tonics, trace elements,  
vitamins, poison antidotes)
- S1318 . . . . alimentary (*eg* antacids, anti-flatulents, anti-emetics, gastro-intestinal sedatives, anti-ulcerogenics,  
anti-diarrhoeals, laxatives, colitis treatments)
- f S2414 . . . . genito-urinary (*eg* diuretics, anti-diuretics, local and systemic vaginal/urethral treatments,  
abortifacients, uterine activists, *and including* contraceptives *other than* sex hormones, *eg*  
spermicides, cervix blockers and anti-implantation agents)
- f S2415 . . . . cardio-vascular (*ie* directed to heart and/or blood and blood vascular system, *eg* vaso-dilators and  
-constrictors, *including* anti-migraine treatments, anti-hyper and hypo-tensives, beta-blockers,  
ganglion blockers, anti-coagulants, clotting agents, coronary affectors, fibrinolytics, anti-atheroma  
agents, and anti-anaemics)
- S1321 . . . . respiratory (*eg* bronchodilators, anti-asthma agents, expectorants, mucolytics, anti-tussives,  
decongestants)
- f S2416 . . . . musculo-skeletal, dermatologic and peripheral (*eg* anti-inflammatory, anti-rheumatic, anti-arthritic,  
muscle-relaxant, anti-allergic, anti-histaminic, rubefacient, anti-pruritic); local ear, eye and nasal  
treatments (*eg* mast cell stabilisers, nasal decongestants)
- f S2417 . . . . C.N.S. depressants (*eg* hypnotics, sedatives, tranquillizers, general anaesthetics, anti-convulsant,  
anti-parkinsonism); analgesics (*including* narcotic and non-narcotic analgesics) and analgesic  
narcotic antagonists
- S1325 . . . . C.N.S. stimulants (*eg* direct and indirect adrenergics, sympathomimetics (analeptics))
- f S2418 . . . . psychotropic (*ie* directed to treating mental ailments, *eg* anti-depressants, anti-schizophrenic and  
anti-psychotic)
- S1328 . . . . other activity
- S1330 . . . . adjuvants and carriers (*including* activating and potentiating agents)

- f
- S1331 . . . blood substitutes
  - S1332 . . . proteins
  - S1333 . . . enzymes
  - S1334 . . . nucleic acids
  - S2419 . . . antibodies (*eg* immunoglobulins); antigens (*eg* vaccines)
  - S1336 . . . culture media
  - S1337 . . . diagnostic agents (*eg* X-ray opaque materials, radio-labelled materials)
  - S1338 . . . synthetic foodstuffs
  - S1339 . . . flavourants
  - S1340 . . . perfumes, deodorants, antiperspirants
  - S1341 . . . depilatory materials
  - S1342 . . . sun- or radiation-screening materials
  - S1343 . . . cosmetic functions *not otherwise provided for*
    - . . . shampoos—*See term S1377 below*
    - . . . compositions for colouring hair—*See term S1399 below*
    - . . . compositions for bleaching hair—*See term S1400 below*
    - . . . dentifrices—*See term S1378 below*
  
  - S1344 . **tobacco substitutes**
    - . **materials with functions related to chemical activity (including radioactivity)—**
      - . . . photographic chemicals—*See terms S1408-S1410 below*
    - S1345 . . . catalysts, catalyst support materials
    - S1346 . . . materials for use in polymer manufacture (*eg* polymerisable monomers and feedstocks, pre-polymers, chain extenders and terminators, vulcanising agents) *not otherwise provided for*
    - S1347 . . . materials for use as intermediates in chemical processes *and not otherwise provided for*
    - S1348 . . . explosives
    - S1349 . . . reaction inhibitors, stabilisers, anti-oxidants, anti-corrosive agents, preservatives
    - S1350 . . . electrolytes; ion-exchange materials
    - S1351 . . . analytical reagents
    - S1352 . . . smoke-producing materials
    - S1353 . . . scale removers; water softeners
    - S1354 . . . solvents
    - S1355 . . . etchants
    - S1356 . . . chemical absorbents and adsorbents
    - . . . refined or manufactured fuels—
      - S1357 . . . in general
      - . . . nuclear fuels—*See term S1361 below*
    - S1358 . . . solid, *eg* coke
    - S1359 . . . liquid, *eg* petroleum spirit
    - S1360 . . . gaseous, *eg* town gas
    - S1361 . . . radioactive materials, nuclear fuels
    - S1362 . . . fire-extinguishing compositions; fire resistant or retarding materials
      - . . . fire-proofing compositions—*See term S1372 below*
  
    - . **materials with surface-related functions—**
      - S1363 . . . friction, grip-promoting, anti-slip materials
      - S1364 . . . lubricants, hydraulic fluids, drilling and cutting fluids
      - S1365 . . . abrasive materials
      - S1366 . . . polishes, anti-adhesion agents, release agents
        - . . . adhesives—
          - S1367 . . . in general
          - S1368 . . . pressure sensitive
          - S1369 . . . other
        - S1370 . . . bond strength improvers
        - S1371 . . . anti-misting compositions
        - S1372 . . . proofing materials (*other than* paint and like coatings); water, oil or soil repellent agents; crease proofing agents; fabric softeners; sizes
      - . **materials with functions related to flow properties—**
        - S1373 . . . thinners; flow improvers generally
        - S1374 . . . thickeners; thixotropic agents
        - S1375 . . . viscosity stabilisers

- S1376 . **cleansing materials**—
  - .. in general
  - .. detergents— *See* term S1427 *below*
- S1377 .. shampoos, soaps
- S1378 .. dentifrices
- S1379 .. other (*including* dry cleaning compositions and degreasing compositions)
  
- S1380 . **bonding, sealing and moulding materials**—
  - .. in general
  - .. adhesives—*See* terms S1367-S1369 *above*
  - .. solders; brazing and welding materials; fluxes
  - .. cements, concretes, plasters and mortars
  - .. sealants, gap or joint fillers *not otherwise provided for*
  - .. bulk thermoplastic and thermosetting moulding or casting materials *not otherwise provided for*
- S1381
- S1382
- S1383
- S1384
  
- S1385 . **ceramics (eg china, pottery, porcelain, earthenware)**
  
- S1386 . **glass; vitreous enamels and glazes**
  
- S1387 . **liquid crystals**
  
- S1388 . **molecular sieves**
  
- S1389 . **coating, encapsulating and cladding materials (and materials for their removal)**—
  - .. in general
  - .. inks, toner compositions
  - .. paint, varnishes
  - .. hot melt coating materials
  - .. electrophoretic coating materials
  - .. encapsulants
  - .. cladding materials
  - .. paint strippers
  - .. other
- S1390
- S1391
- S1392
- S1393
- S1394
- S1395
- S1396
- S1397
  
- S1398 . **colouring materials**—
  - .. inks, toner compositions, paints, varnishes—*See* terms S1390-S1391 *above*
  - .. in general
  - .. dyes, pigments, stains
  - .. bleaches
  - .. colouring materials *not otherwise provided for*
- S1399
- S1400
- S1401
  
- S1402 . **materials with functions related to thermal properties**—
  - .. heat conductive materials
  - .. heat reflecting materials
  - .. heat resistant materials; refractories
  - .. absorbents; insulants
  - .. anti-freeze; de-icing compositions
  - .. coolants; refrigerants; heat-exchange fluids
- S1403
- S1404
- S1405
- S1406
- S1407
  
- S1408 . **materials with optical or radiation-sensitive properties**—
  - .. photographic materials (non-structured)—
    - ... in general
    - ... radiation-sensitive materials, *eg* emulsions
    - ... other (*including* chemicals for developing images)
- S1409
- S1410
  
- S1411 .. optical brighteners; luminescent, electroluminescent materials
- S1412 .. polarising materials
- S1413 .. photochromic, thermochromic materials
- S1414 .. photoelectric materials
- S1415 .. light reflecting materials
- S1416 .. light absorbing materials

- S1417 . materials with functions related to sound energy—
- S1418 . . sound absorbing or insulating materials
- S1419 . . sound reflecting materials
- S1419 . . sound carrying or transmitting materials
  
- . electric and magnetic functions—
- . . photoelectric materials—*See* term S1414 *above*
- . . electroluminescent materials—*See* term S1411 *above*
- S1420 . . insulants
- S1421 . . semi-conductors
- S1422 . . dielectric materials; piezoelectric materials
- S1423 . . magnetic materials
- S1424 . . conductors, superconductors
- S1425 . . anti-static materials
  
- . other specific functions—
- S1426 . . aerosol compositions
- S1427 . . dispersants; emulsifiers; surfactants; detergents; wetting agents; foaming- and anti-foaming agents
- S1428 . . flocculants, coagulants
- S1429 . . gas-generating and blowing agents
- S1430 . . leather tanning compositions
- S1431 . . gemstones
  
- Waste materials—**
- S1432 . in general
- S1433 . sewage
- S1434 . other waste water
- S1435 . nuclear and radioactive wastes
- S1436 . domestic and like refuse; debris; flotsam
- . waste gas—
- S1437 . . ic engine exhausts
- S1438 . . other *including* flue gases
- S1439 . scrap metal
- S1440 . ash, slag
- S1441 . waste paper
- S1442 . other (*including* dusts, scrap plastics)
  
- Waters defined by state, function or origin (other than waste or “natural” waters)—**
- . water generally—*See* term S1270 *above*
- . waste waters—*See* terms S1433, S1434 *above*
- S1443 . tap water, domestic supply water, drinking water
- S1444 . distilled or de-ionised water; “soft” water
- S1445 . “hard” water
- S1446 . ice
- S1447 . steam
- S1448 . other *including* “heavy” water
  
- Materials defined by physical state—**
- S1449 . merely fluid
- S1450 . merely liquid
- S1451 . merely gaseous
- S1452 . granular, particulate; powdered; shavings
- S1453 . molten
- S1454 . frozen
- . . ice—*See* term S1446 *above*
- S1455 . liquified or solidified gas
- . liquid crystal—*See* term S1387 *above*

- f
- S1456 . paste; slurry; pulp
  - S1457 . emulsion; suspension
  - S1458 . solution
  - S1459 . vapour, aerosol
  - S2407 . volatile liquid
  - S1460 . crystalline, oriented
  - S1461 . amorphous
  - S1462 . porous; spongy; foamed
    - .. cellular—*See* term S1586 *below*
- Chemically defined materials—**
- S1463 . **“chemicals” generally**
  - S1464 . **isotopes**
    - . **metals—**
      - .. in general
      - S1465 .. iron and steel
      - S1466 .. non-ferrous—
        - ... in general
        - S1467 ... alkali and alkaline earth metals (*ie* Li, Na, K, Rb, Cs, Mg, Ca, Sr, Ba)
        - S1468 ... aluminium and Group III B metals (*ie* Al, Ga, In, Tl)
        - S1469 ... copper (Cu)
        - S1470 ... cobalt and nickel (Co, Ni)
        - S1471 ... metals of Groups IVA, VA, VIA, VIIA (*ie* Ti, V, Cr, Mn, Zr, Nb, Mo, Tc, Hf, Ta, W, Re)
        - S1472 ... silver (Ag), gold (Au) and platinum group metals (*ie* Ru, Rh, Pd, Os, Ir, Pt)
        - S1473 ... tin (Sn) and lead (Pb)
        - S1474 ... mercury (Hg)
        - S1475 ... zinc (Zn) and cadmium (Cd)
        - S1476 ... scandium (Sc), yttrium (Y) and rare earth metals (*ie* La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu)
        - S1477 ... radium (Ra), actinium (Ac), thorium (Th), protoactinium (Pa), uranium (U) and trans-uranic elements
        - S1478 ... other
        - S1479 ... *Note*: germanium, selenium, tellurium, arsenic and antimony are regarded as non-metals—*See* terms S1492, S1493 *below*
    - S1480 . **alloys**
      - .. *Note*: terms for constituent metals are also assigned if significant

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    - S2422 . **cermets**
      - .. *Note*: terms for constituents are also assigned if significant
    - . **non-metallic elements—**
      - .. in general
      - S1481 .. halogens (*ie* F, Cl, Br, I)
      - S1482 .. hydrogen (H), deuterium (D), tritium (T)
      - S1483 .. oxygen, ozone (O<sub>2</sub>, O<sub>3</sub>)
      - S1484 .. nitrogen (N<sub>2</sub>)
      - S1485 .. “noble” gases (*ie* He, Ne, Ar, Kr, Xe)
      - S1486 .. boron (B)
      - S1487 .. carbon (C), graphite, diamond
      - S1488 .. silicon (Si)
      - S1489 .. sulphur (S)
      - S1490 .. phosphorus (P)
      - S1491 .. germanium (Ge), selenium (Se), tellurium (Te)
      - S1492 .. arsenic (As), antimony (Sb)
      - S1493 .. other non-metallic elements
      - S1494 .. air—*See* term S1272 *above*

- . **inorganic compounds**—
- S1495 . . in general
- S1496 . . ammonia
- S1497 . . nitrogen oxides
- S1498 . . sulphur oxides
- S1499 . . hydrogen sulphide
- S1500 . . hydrogen peroxide
- . . water—*See* terms S1270 and S1443-S1448 *above*
- S1501 . . hydrides *not otherwise provided for* (including silanes)
- S1502 . . carbon monoxide; carbon dioxide
- S1503 . . metal oxides and hydroxides (including ammonium hydroxide); alkalis in general
- . . . *Note*: index also nature of metal if significant
- S1504 . . acids; oxides and hydroxides of non-metals *not otherwise provided for*
- S1505 . . salts
- . . . *Note*: if metallic, index also nature of metal if significant
- S1506 . . complex oxides, *eg* synthetic zeolites
- S1507 . . other inorganic compounds
  
- . **low molecular weight organic compounds**—
- . . hydrocarbons—
- S1508 . . . in general
- . . . natural gas—*See* term S1269 *above*
- . . . aliphatic and cycloaliphatic—
- . . . . in general
- S1510 . . . . alkanes (*eg* methane, ethane, propane, butane)
- S1511 . . . . olefins, *eg* ethylene
- S1512 . . . . other
- S1513 . . . aromatic (*eg* benzene, naphthalene)
- S1514 . . halocarbons
- . . compounds containing O but not N—
- S1515 . . . alcohols, *eg* ethanol
- S1516 . . . aldehydes, ketones (*eg* formaldehyde, acetaldehyde, acetone)
- S1517 . . . carbohydrates, sugars
- S2420 . . . carboxylic acids (*eg* acetic acid); esters
- S1519 . . . other
- . . compounds containing N—
- S1520 . . . in general
- S1521 . . . amines *other than* amino acids
- S1522 . . . amino acids
- S1523 . . . amides *other than* peptides
- S1524 . . . peptides
- S1525 . . . urea
- S1526 . . . isocyanates
- S1527 . . . other
- S1528 . . low molecular weight organic compounds *not otherwise provided for*
  
- S2323 . **fats, oils and waxes**
- . . crude mineral oil and vegetable and animal fats—*See* terms S1269, S1285, S1303 *above*
- . . oils with specific functions, *eg* lubricants—*See* *eg* term S1364 *above*
- . . edible fats and oils (*eg* margarine, cooking and salad oils)—*See* terms S1086, S1089 *above*
  
- . **synthetic polymers; natural polymers and rubber**—
- S1529 . . in general
- . . defined other than by chemical type—
- S1530 . . . thermoplastic
- S1531 . . . thermosetting; cold setting
- S1532 . . . elastomers (rubbers)
- S1533 . . . fibre- and film-forming
- S1534 . . . tackifying resins (*eg* petroleum resins, coumarone-indene resins, terpene resins, *a*-methylstyrenevinyl toluene resins)

- S1535 . . halogen-containing polymers in general
- . . natural polymers; artificial derivatives thereof:—
- S1536 . . . in general
- S1537 . . . cellulosic polymers
- . . . . cotton—*See* term S1281 *above*
- S1538 . . . other polysaccharides (*including* alginic acid, dextran, plant gums or mucilages, starches)
- S1332 . . . proteins
- S1333 . . . enzymes
- S1334 . . . nucleic acids
- S1539 . . . tars, bitumens, pitches, asphalts
- S1540 . . . natural rubber, balata, guttapercha
- S1541 . . . other
- . . synthetic addition polymers (carbon-carbon addition)—
- S1542 . . . addition polymers; “vinyl” polymers; polymers of ethylenically unsaturated monomers; in general
- . . . specific copolymers—
- S1543 . . . . butyl rubber
- S1544 . . . . acrylonitrile-butadiene-styrene (ABS); (meth) acrylate-diene-styrene (MABS)
- S1545 . . . . styrene-butadiene rubber (SBR); nitrile-diene; styrene-acrylonitrile (SAN); ethylene-vinyl acetate (EVA); ethylene-(meth)acrylate; ethylene-propylene (EP); ethylene-propylene-diene-methylene (EPDM)
- . . . . other copolymers—*index under homopolymer term for major constituent*
- . . . defined by functional groups, these being—
- S1546 . . . . hydroxyl (*eg* polyvinyl alcohol)
- S1547 . . . . amide; alkylolated or alkoxyalkylolated amide; amine
- S1548 . . . . other (*including* labile halogen; carboxylic or anhydride)
- . . . . *Note:* non-labile halogen, ester, nitrile and ether are not regarded as functional (reactive) groups
- . . . homopolymers and copolymers *not provided for above*—
- S1540 . . . . diene polymers *including* natural polyisoprenes
- S1549 . . . . styrene and substituted styrene polymers
- . . . . polyolefins—
- S1550 . . . . . in general
- S1551 . . . . . polyethylene
- S1552 . . . . . polypropylene
- S1553 . . . . . other
- . . . . halogen substituted olefin polymers—
- . . . . . in general—*See* term S1535 *above*
- S1554 . . . . . PVC
- S1555 . . . . . fluoro-substituted, *eg* PTFE
- S1556 . . . . . other
- . . . . acrylic polymers—
- S1557 . . . . . in general
- S1558 . . . . . nitrile polymers
- S1559 . . . . . other (*including* poly(alk)acrylates
- S2401 . . . . unsaturated polyester addition polymers
- S1560 . . . . other addition polymers and copolymers
- . . synthetic condensation polymers—
- S1561 . . . in general
- S1562 . . . organo-silicon polymers
- S1563 . . . epoxy
- S2402 . . . phenoxy
- S1564 . . . polyurethanes
- S1565 . . . polyamides; polyimides
- S1566 . . . polyamines
- S1567 . . . polyesters (*eg* polycarbonates; polyethylene terephthalates)
- S1568 . . . polyethers and thioethers
- S1569 . . . other condensation polymers
- Materials defined by basic structured forms—**
- . specifically as building components—*See* terms S1694-S1703 *below*
- S1570 . wires, filaments, fibres
- S1571 . yarns, thread, cord, rope
- S1572 . rods, bars

S1573 . pipes, tubes  
 S1574 . film foil  
 S1575 . webs, strip (*eg* ribbon, tape, belt)  
 S1576 . blanks generally  
 S1577 . sheet, plate  
 S1578 . (circular) cylinder (*other than* bars, rods, wires, fibres &c)  
 S1579 . ball; (part) spherical; (part) annular  
 S1580 . tablets and pills generally  
 S1581 . blocks, slabs and other polyhedra  
 S1582 . embossed, engraved or other “fine” surface detail  
 S1583 . corrugated, pleated, crimped, creped, goffered and other folded or convoluted forms  
 S1584 . channelled; flanged; pointed; bevelled or other specific edge forms  
 S1585 . wound, coiled  
 S1586 . mesh, net and like openwork forms; cellular; perforated  
 S1587 . chains  
 S1588 . reinforced; compartmented internally  
 S1589 . hollow  
 S1590 . inflated  
 S1591 . laminated  
 S1592 . coated, encapsulated, sheathed  
     . formed of compressed or bonded fibres or particles—  
     . . in general  
 S1593 . . paper, card and cardboard  
 S1594 . . chip and like board  
 S1595 . . other  
 S1596 . textiles and fabrics generally  
     . . furnishing materials (*eg* blankets, curtains, carpets)—*See* terms S1213-S1220 *above*  
 S1122 . tissues  
 S1598 . felts  
 S1599 . woven  
 S1600 . knitted  
 S1601 . braided, plaited  
 S1602 . other

**Material transforming operations and apparatus—**

**non-shaping operations; tools and equipment therefor—**

. . *Note:* materials (*eg* sintered products) characterised only by being the product of one of the following operations may be indexed here by the appropriate term if no other provision exists elsewhere in Schedule 2

. . imparting and removing surface finishes—*See* terms S1651-S1657 *below*  
 . . washing and cleaning—*See* terms S1231-S1245 *above*  
 . . spraying—*See* term S1888 *below*  
 . . separation; filtration—  
     . . . specifically desalination—*See* term S1250 *above*

S1603 . . . in general  
 S1604 . . . filtration  
 S1605 . . . mechanical separation *other than* filtration  
 S1606 . . . electrostatic and magnetic separation  
 S1607 . . mixing and agitating, blending, homogenising; vibrating; stirring  
 S1608 . . precipitating, settling, crystallising, molecular orientation  
 S2421 . . dissolving, emulsifying and suspending; leaching; extraction of materials  
     . . . from natural environment by *in situ* operations—*See* term S1249 *above*  
     . . heat treating in general  
 S1610 . . distilling, evaporating, vaporising, condensing, sublimating; rectifying  
     . . . distilling solids—*See* term S1619 *below*  
     . . . steam generators and condensers—*See* terms S1969, S1977 *below*  
 S1612 . . melting and solidifying; zone refining; annealing; tempering; hardening  
 S1613 . . comminuting; crushing; cutting up, chopping up, slicing (*including* grain milling)  
     . . . coring, shelling, peeling, seeding—*See* term S1071 *above*  
     . . . juice extraction—*See* term S1251 *above*  
 S1614 . . adsorption, absorption, ion exchange, osmosis, impregnation

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- S1615 . . humidifying
  - S2405 . . drying
  - S1616 . . bleaching; dyeing
    - . . bulk chemical reactions (non-electrolytic)—
    - . . . in general
  - S1617 . . . catalytic reactions in general
  - S1618 . . . roasting and distilling solids (*eg* coking, coal gasification); retorts and ovens therefor
  - S1619 . . . sintering and firing; agglomerating; kilns and furnaces therefor
  - S1620 . . . metallurgical reactions *other than* sintering—
    - . . . . in general
    - . . . . metal extraction; furnaces therefor
    - . . . . metal refining and alloying
    - . . . cracking and other (*including* catalytic) hydrocarbon conversion
    - . . . polymerisation
    - . . . vulcanisation; curing; cross-linking
    - . . . depolymerisation; degradation *not otherwise provided for*
    - . . . photo-chemical reactions
    - . . . fermentation
    - . . . other
  - S1621 . . electrochemical reactions
  - S1622 . . ionisation; plasma production
  - S1633 . . nuclear transformations; nucleonics; nuclear reactors not primarily for energy production
  - S1634 . . contact apparatus generally (*eg* fluidised beds, bubble-tray apparatus, packed columns)
  - S1635 . . non-shaping operations *not specified above*
    - . . . for converting materials to formed products—*See* terms S1637-S1678 *below*
  - S1636 . . chemical apparatus *not provided for above*; chemical apparatus generally
- . converting basic and intermediate materials to formed products; tools and equipment therefor; products formed thereby generally—**
- . . hand tools—*See* terms S1679-S1692 *below*
  - . . building and civil engineering—*See eg* terms S1756-S1768 *below*
  - S1637 . . machine and powered tools in general
    - . . machining in general (*ie* not specifically cutting or surface finishing); working metals, plastics, wood, stone &c in general—
    - . . . mechanical
    - . . . electrical and electrochemical
    - . . . other (*including* chemical and thermal)
    - . . presses and material working machines in general
    - . . forging, hammering, beating; power hammers; anvils; forged products
    - . . stamping; shearing; cutting out (*including* perforating); deep drawing; stamped or drawn products
    - . . . presses generally—*See* term S1641 *above*
    - . . rolling, calendaring; rolled or calendared products
    - . . cutting; forming by cutting—
    - . . . in general
    - . . . stamping; shearing; cutting out; scoring—*See* terms S1643 *above* and S1661 *below*
    - . . . milling, routing, profile and screw cutting; turning
    - . . . drilling and boring; drill bits
    - . . . planing, chiselling, gouging and related operations and tools
    - . . . sawing
    - . . . other (*including* flame cutting and other thermal techniques)
    - . . mechanical surface finishing *including* removing finishes—
    - . . . in general
    - . . . planing—*See* term S1648 *above*
    - . . . grinding; abrading (*including* sharpening; polishing; burnishing)
    - . . . roughening; scouring; scraping; engraving; embossing
    - . . . other
    - . . other surface finishing and removal techniques—
    - . . . chemical and electrochemical (*eg* anodising; chemical and electrolytic etching)
    - . . . electrical *other than* electrochemical
    - . . . other
    - . . forming in a mould; briquetting; moulds *per se*; moulded or cast products

- S1659 . . forming by deposition on a surface, *eg* paper making
- S1660 . . extruding; spinning; dies and spinnerets; spun or extruded products
- S1661 . . bending; creasing; scoring; folding, pleating; corrugating, crimping knurling; products thereof generally
- S1662 . . stretching; stretched products
- f S2408 . . shrinking
  - . . coating, painting; plating *including* forming thereby—
  - . . . coated products generally—*See* term S1592 *above*
  - . . . in general
- S1663 . . . chemical, electrochemical, electrical *including* sputtering
- S1664 . . . other
- S1665 . . textile fabrication—
  - . . in general; tailoring, dress-making, working with textiles in general
  - . . . winding filaments—*See* term S1880 *below*
  - . . . textile products—*See* terms S1570, S1571, S1575, S1597-S1602 *above*
- S1667 . . . weaving; basket work; looms
- S1668 . . . knitting
- S1669 . . . tufting; knotting
- S1670 . . . stitching; sewing
- S1671 . . . spinning fibres
  - . . . . raw plastics—*See* term S1660 *above*
- . . assembly—
  - . . . in general
  - . . . packaging (*including* encapsulating, stuffing and filling)—*See* terms S1813-S1816 *below*
  - . . . textile fabrication—*See* terms S1666-S1671 *above*
  - . . . forming by winding—*See* terms S1879, S1880 *below*
- S1673 . . . welding, brazing; soldering
- S1674 . . . rivetting, stapling and similar techniques for applying mechanical linking elements
- S1675 . . . seaming, swaging and similar techniques using mechanical deformation of the workpiece
  - . . . . crimping—*See* term S1661 *above*
- S1676 . . . laminating; glueing; heat sealing
  - . . . . laminated products—*See* term S1591 *above*
- S1677 . . other specific converting operations; tools and equipment therefor
- S1678 . . work and tool holders in general; mandrels
  - . . . sheet and web feeding and registration and tool changers. *See* term S1881 *below*

**Hand tools—**

- . power tools—*See* terms S1637-S1677 *above*
- . *Note:* tools indexable here are not indexed elsewhere in Schedule 2 except that significant or unusual field of use may be indexed by appropriate “in general” terms elsewhere. Hand tools and implements *not listed here* are indexed under a specific term from the appropriate field elsewhere in the Schedule and term S1679 *below* is also assigned where the specific term does not connote a hand tool
- S1679 . hand tools in general
- S1680 . hand tool handles; knobs and handles generally
  - . . knobs and handles *other than* merely as holding or gripping means—*See* term S2027 *below*
  - . . for vehicle closures, *eg* doors—*See* term S1856 *below*
  - . . for doors *other than* vehicle doors—*See* term S1715 *below*
  - . . for specific items (*other than* hand tools, doors and vehicle closures)—*See* entry for item
- S1681 . brushes and brooms
- S1682 . spades, hoes, trowels, shovels, scoops, spoons, ladles, spatulas
- S1683 . rakes; forks; combs
- S1684 . knives, scrapers and blades
  - . . razor blades—*See* term S1124 *above*
- S1685 . scissors, shears, clippers
- S1686 . pliers, tongs, tweezers; screwdrivers, spanners, wrenches and like gripping and turning tools
- S1687 . hammers, mallets, chisels, picks, punches, axes and like impact tools; pokers
- S1688 . saws, files, rasps, sanders and like abrasive tools
- S1689 . drills
  - . . drill bits—*See* term S1647 *above*
- S1690 . mops, pads, sponges; rollers; squeegees
- S1011 . beaters and whisks
- S1691 . tool sharpeners (*eg* steels and oilstones)
- S1692 . tool racks and holders

- Building(s); civil engineering; functionally defined areas—**
- S1693 . . in general
  - . **building (and fencing) components—**
  - S1694 . . in general
  - . . joints and fastenings—*See* terms S1769-S1780 *below*
  - S1695 . . beams, trusses, lintels and other generally horizontal support members
  - S1696 . . columns, studs, props (*including* pit props), posts, piles and other generally vertical support members
  - S1697 . . permanent and temporary shuttering elements
  - S1698 . . bricks and blocks
  - S1699 . . tiles (*including* ceramic tiles); slates
  - S1700 . . panels, sheets and slabs
  - S1701 . . wires, filaments and meshes *including* barbed wire
  - S1702 . . ties and reinforcing rods; ground anchors and post sockets
  - S1703 . . other
  - . **building sub-structures (*including* cladding and finishing structures thereon)—**
  - S1704 . . in general
  - S1705 . . supporting frameworks in general
  - S1706 . . floors
  - S1707 . . walls, partitions and ceilings
  - S1708 . . roofs
  - S1709 . . foundations
  - S1710 . . fences and railings
  - S1711 . . other
  - . **building fittings of general utility—**
  - S1712 . . in general
  - . . hearths and fireplaces—*See* term S1971 *below*
  - . . furniture *including* built-in furniture—*See* terms S1206-S1212 *above*
  - . . light fittings—*See* term S1931 *below*
  - . . kitchen appliances—*See* specific term for appliance
  - . . curtains, blinds and fittings therefor—*See* term S1218 *above*
  - . . gas, water, electricity supply—*See* terms S1884, S1885, S2083 *below*
  - . . drainage and sewerage fittings—*See* term S1886 *below*
  - S1713 . . baths, showers, sinks, basins, urinals, WC's, bidets; flushing and drainage arrangements thereof *including* draining boards
  - S1714 . . windows, doors, traps, turnstiles and like closures (*including* frames, glazing and glazing bars)
  - . . . for vehicles—*See* term S1855 *below*
  - S1715 . . window and door fittings (*eg* handles, knobs, knockers, letter boxes, door stops, opening and closing mechanisms for doors and windows)
  - . . . for vehicles—*See* term S1856 *below*
  - . . . rubbing and like trim strips—*See* term S2294 *below*
  - . . . hinges and bearings generally—*See* terms S2022, S2031-S2034 *below*
  - . . . locks—*See* term S1772 *below*
  - S1716 . . stairs, staircases, handrails, balustrades, balconies, verandas, fire escapes
  - S1717 . . porches, canopies and awnings
  - S1718 . . chimneys, chimney pots and fittings therefor
  - . **types of buildings, building complexes and structures for shelter—**
  - S1719 . . inland transport terminals (*eg* railway and bus stations, airports)
  - S1720 . . vehicle storage areas and buildings (*eg* hangars, train-sheds, car-ports, garages, boat houses)
  - . . . marinas, docks and harbours—*See* term S1750 *below*
  - S1721 . . fortified and military buildings and installations; prisons
  - S1722 . . power-stations; transformer houses
  - S1723 . . factories, warehouses, laundries
  - . . . laundry areas within buildings—*See* term S1738 *below*
  - S1724 . . public assembly buildings (*eg* theatres, cinemas, stadia, areas, churches)
  - S1725 . . schools, hospitals, universities, hotels and motels
  - S1726 . . buildings for exhibition and/or reference (*eg* museums, libraries, exhibition halls)
  - S1727 . . commercial and retail buildings (*eg* banks, offices, shops, super- and hyper-markets)
  - S1728 . . public swimming pools, baths and conveniences
  - S1729 . . domestic dwellings (*eg* houses, flats)

- S1730 . . . general purpose agricultural and farm buildings, *eg* barns
- . . . specialised agricultural and horticultural buildings (*eg* greenhouses)—*See* term S1012 *above*
- S1731 . . . garden huts and sheds; huts and sheds in general
- . . . shelters—
- S1732 . . . nuclear, air-raid and like shelters
- S2403 . . . other (*including* bus shelters, sentry boxes)
- S1733 . . . booths, kiosks, stands and podia (*including* telephone boxes, ice-cream kiosks)
- S1734 . . . tents, marquees
- . . . ground sheets—*See* term S1216 *above*
- S1735 . . . other
- . **functionally defined areas**—
- S1736 . . . laboratories; classrooms; lecture theatres
- S1737 . . . workshops; toolrooms; inspection pits for garages, areas within factories *not otherwise provided for*
- S1738 . . . operating theatres; sterile rooms; laundries; areas within hospitals *not otherwise provided for*
- S1739 . . . kitchens, canteens, restaurants
- S1740 . . . supermarket check-outs; ticket offices; reception areas; areas within commercial and retail buildings
- . . . *not otherwise provided for*
- S1741 . . . vaults; strongrooms; cellars; prison cells; tombs; burial vaults
- . . . safes, strongboxes—*See* term S1792 *below*
- S1742 . . . other
- . **civil engineering and marine structures not otherwise provided for**
- S1743 . . . roadways, streets and pavements; paths and patios
- . . . street furniture and markings (*eg* signs, signalling equipment)—*See* term S2281 *below*
- S1744 . . . railways, track and track components
- . . . signalling equipment—*See* term S2282 *below*
- S1745 . . . bridges, aqueducts, viaducts
- S1746 . . . cuttings and embankments
- S1747 . . . tunnels, shafts and mines; tunnel linings; quarries
- S1748 . . . wells and boreholes
- S1749 . . . columns, masts, pylons, towers, separate chimneys; beacons, lighthouses
- . . . monuments—*See* term S2290 *below*
- S1750 . . . docks, harbours, jetties, landing stages, piers, marinas
- S1751 . . . canals, locks; lock gates; sluices and sluice-gates
- S1752 . . . reservoirs, swimming pools
- . . . public swimming baths—*See* term S1728 *above*
- S1753 . . . breakwaters, groynes, dams, weirs, barrages, coastal booms
- S1754 . . . offshore structures (*eg* drilling rigs; oil and gas production platforms)
- S1755 . . . buoyant structures *not otherwise provided for* (*eg* buoys, floats)
- . . . floats as parts of vehicles, craft—*See* term S1854 *below*
- . **building and civil engineering operations; tools, equipment and vehicles therefor**—
- S1756 . . . in general
- . . . vehicles generally—*See* terms S1819-S1865 *below*
- . . . winning natural materials, *eg* by mining—*See* terms S1246-S1252 *above*
- . . . cable and pipe laying—*See* term S1880 *below*
- . . . conveyers and load-handling equipment generally—*See* terms S1866-S1902 *below*
- S1757 . . . scaffolding, ladders generally
- S1758 . . . brick, block and slab laying
- S1759 . . . cementing, plastering (*including* cement-pumping and continuous casting *in situ*)
- . . . cement mixing—*See* term S1607 *above*
- . . . earthworking—
- S1760 . . . in general
- . . . soil working—*See* term S1005 *above*
- S1761 . . . well and borehole drilling
- S1762 . . . digging, excavating, trenching, dredging; breaking-up surfaces
- S1763 . . . tunnelling; shaft-sinking
- S1764 . . . pile driving
- . . . . piles *per se*—*See* term S1696 *above*
- S1765 . . . other
- S1766 . . . railway track laying and maintenance
- . . . track cleaning and clearing—*See* term S1239 *above*
- S1767 . . . roadway laying and maintenance
- . . . street cleaning and clearing—*See* term S1239 *above*
- S1768 . . . other

- Joints and fastenings—**
- S1769 . in general  
. jointing, fastening and assembling *operations*—*See* terms S1672-S1676 *above*  
. expansion “joints”—*See* term S1784 *below*  
. universal joints, shaft couplings, hinges, pivots—*See* terms S2021, S2022 *below*
- S1770 . bolts, nuts, screws, rivets, nails, dowels, cotters, split pins and equivalent devices
- S1771 . structural joints; brackets
- S1772 . locks and keys; latches, catches and bolting devices
- S1773 . hooks *per se*, grapnels and anchors
- S1774 . pipe and rod couplings; bayonet fittings
- S1775 . rope, cord and cable fastenings; cable clamps; bollards and cleats; knots  
. fabric, paper, clothing and jewellery fastenings—
- S1776 . . in general
- S1777 . . sliding clasp and releasable touch and close type
- S1778 . . other (*including* pins, carpet fastenings, clothes pegs, paper clips, buttons, press studs, buckles)
- S1779 . fetters and handcuffs
- S1780 . other clamp- and grip-type fastenings; other joints
- Seals—**
- S1781 . in general
- S1782 . washers and gaskets
- S1783 . piston rings
- S1784 . expansion “joints”
- S1785 . other
- Containers—**
- . *Note*: references to “ware” in terms implying only the material of which it is made (*eg* pottery, earthenware) are indexed only by the appropriate term for the material *above*—*See*, for example, term S1385 *above*
- S1786 . in general  
. parcels and packages—*See* term S1816 *below*  
. pallets—*See* term S1898 *below*  
. sinks, baths, basins—*See* term S1713 *above*
- S1787 . tableware (*eg* dishes, plates, cups, saucers, mugs, jugs and tumblers; wine and beer glasses); crockery generally  
. . condiment dispensers—*See* term S1895 *below*
- S1788 . cooking or ovenware (*eg* pots, pans, casseroles, kettles)
- S1789 . paper and plastic bags, sacks; envelopes; sleeves
- S1790 . cartons and cardboard boxes; plastics and metal foil equivalents thereof
- S1791 . crates; packing cases  
. . skeletal milk and like crates—*See* term S1799 *below*
- S1792 . strong boxes; safes  
. . lockers, filing cabinets—*See* term S1212 *above*  
. . box and like files—*See* term S2262 *below*
- S1793 . skips, transport containers; ISO containers
- S1794 . squeeze-to-empty containers  
. gas and high pressure containers—
- S1795 . . in general  
. . “aerosol” dispensers—*See* term S1894 *below*
- S1796 . . liquefied gas containers *other than* “aerosols”
- S1797 . . other high pressure or dissolved or adsorbed gas containers
- S1798 . . low pressure gas containers, *eg* gas holders
- S1799 . skeletal holders (*eg* for cans and bottles)  
. personal luggage—
- S1800 . . in general
- S1801 . . large (*eg* handbags, rucksacks, gadget bags, suitcases, briefcases, sports equipment bags)
- S1802 . . small (*eg* purses, wallets, spectacle cases)
- S1803 . insulated food and drink containers (*eg* vacuum flasks, “cool” boxes)
- S1804 . cassettes (*eg* for film and tape)  
. . with means for dispensing contents—*See* term S1879 *below*
- S1805 . reels, spools and bobbins
- S1806 . micro- and macrocapsules; ampoules

- . other containers—
- S1807 . . large (*eg* casks, kegs, cisterns, tanks, barrels, urns, coffins, and bins)
- . . medium-sized or small—
- S1808 . . . jars and bottles; vases
- S1809 . . . cans
- S1810 . . . others (*eg* buckets, bowls, baskets, saddlebags)
- S1811 . lids, flaps, stoppers, corks, bungs and other closures
- S1812 . bottle-, can- and other specialised openers; cork screws
  
- Packaging and wrapping—**
- S1813 . in general
- . containers generally—*See* terms S1786-S1812 *above*
- . pallets—*See* term S1898 *below*
- . conveying and handling—*See* terms S1866-S1902 *below*
- S1814 . wrapping and packaging materials
- . . encapsulants; cladding materials—*See* terms S1394, S1395 *above*
- S1815 . operations; machines and equipment therefor (*including* encapsulating, stuffing and filling)
- S1816 . parcels and packages *per se*; bales, bundles
  
- Labelling—**
- S1817 . in general
- . labels *per se*—*See* term S2291 *below*
- S1818 . operations; machines and equipment therefor
  
- Vehicles and transport—**
- S1819 . in general
- . land vehicles *other than* rail or cable—
- S1820 . . in general; cars, automobiles in general
- . . load manipulators, *eg* fork-lift trucks—*See* terms S1871-S1876 *below*
- S1821 . . cars for specialised purposes (*eg* taxis, police-cars, racing cars); light vans, motor caravans, ambulances
- S1822 . . cross-country vehicles (*other than* armoured vehicles), *eg* tractors; tracked vehicles generally
- . . . soil working and other specialised agricultural vehicles, *eg* combine harvesters—*See* terms S1005- S1009 *above*
- . . . earthworking vehicles—*See* terms S1760-S1765 *above*
- S1823 . . buses, coaches and like bulk passenger vehicles
- S1824 . . lorries, transporters and other large load-carrying vehicles; fire-engines
- S1825 . . cycles and motorcycles; side cars
- S1826 . . trailers and caravans (towed)
- S1827 . . pushchairs, perambulators, wheelchairs, trolleys, wheelbarrows, hand-trucks and hand-carts; personally propelled vehicles in general
- S1828 . . armoured vehicles, *eg* tanks
- S1829 . . sledges, sleighs and other land vehicles on skids or runners
- S1830 . . litters, stretchers, carrycots and other manually carried conveyances
- S1831 . rail, rack and cable vehicles
- . water displacement craft—
- S1832 . . in general
- S1833 . . submarine
- . . surface craft—
- S1834 . . . in general; boats and ships generally
- S1835 . . . powered
- S1836 . . . sail
- S1837 . . . other aspect *including* inflatable
- S1838 . amphibious craft; hover and hydrofoil craft
- . aircraft; aeroplanes—
- S1839 . . in general; powered aircraft in general
- . . parachutes—*See* term S1143 *above*
- S1840 . . helicopters and autogyros
- S1841 . . gliders, airships, balloons, kites
- S1842 . . space-craft; artificial satellites; rocket-powered craft
- . . rocket and missile weapons—*See* term S1197 *above*

- S1843 . equipment for, and parts of vehicles and craft—
  - .. in general
  - ... *Notes:* (1) any specified equipment and parts not listed here are indexed under a more specific entry elsewhere in this schedule and the fact of vehicle use or the type of vehicle is indexed by the appropriate term *above*
  - (2) the type of vehicle is also indexed where appropriate using the above terms when one of the following terms is applied
  - .. brakes—*See* term S2013 *below*
  - .. power units and their peripherals, power transmissions—*See* terms S1984-S2041 *below*
  - .. lighting equipment—*See* terms S1913-S1938 *below*
  - .. display, indicating equipment—*See* terms S2280-S2292 *below*
  - .. horns—*See* term S1944 *below*
  - .. cooling systems—*See* terms S1965-S1968 *below*
  - .. ventilating systems—*See* term S1887 *below*
  - .. seat belts, air bags and like restraints—*See* term S1142 *above*
  - .. davits—*See* term S1871 *below*
- S1844 .. wheels *including* castors
- S1845 .. tyres
- S1846 .. tracks, skids, shoes; foils
- S1847 .. suspension systems; bogies
  - ... springs and dampers *per se*— *See* term S2011 *below*
- S1848 .. paddlewheels and propellers; helicopter and like rotors
- S1849 .. sails, masts and rigging; oars and hand paddles *including* fittings therefor
- S1850 .. steering apparatus
- S1851 .. exhausts, funnels and vents
  - ... silencers—*See* term S1946 *below*
- S1852 .. towing and pushing gear; couplings
- S1853 .. chassis and framework
- S1854 .. bodywork and panelling in general (*including* cabs, hulls, floats and wings)
  - .. bodywork details—
    - ... rubbing and trim strips—*See* term S2294 *below*
    - ... number plates—*See* term S2291 *below*
- S1855 .. closures and windows (*including* boots, bonnets, portholes and hatches)
- S1856 .. closure and window fittings (*including* door and window operating mechanisms)
  - ... locks—*See* term S1772 *above*
  - ... windscreen washers and wipers—*See* term S1861 *below*
- S1857 .. seating (*including* cycle saddles); berths
- S1858 .. bumpers, fenders, buffers
- S1859 .. tarpaulins; hoods and canopies; mudguards, sprayguards; hovercraft skirts
- S1860 .. other
- S1861 .. windscreen washers and wipers
- S1862 .. sun visors
- S1863 .. luggage racks and holders
- S1864 .. ramps, cradles and like vehicle supports
  - ... jacks—*See* term S1873 *below*
- S1865 .. access equipment (*eg* catwalks, gangways, boarding ladders, emergency evacuation provisions)
  
- Conveying, handling, supplying and distributing—**
- S1866 .. in general
- S1867 .. dropping in general
- S1868 .. lifting and lowering in general
- S1869 .. vending and dispensing in general
- S1870 .. sampling in general
- S1871 .. jib and boom apparatus and cranes; davits
- S1872 .. elevators, hoists, lifts and equivalent lifting apparatus
- S1873 .. jacks
- S1874 .. winches, capstans, block and tackle and like hauling gear
- S1875 .. mobile lifting and positioning equipment, *eg* fork lift trucks
  - .. mobile cranes—*See* term S1871 *above*
- S1876 .. conveyers (*eg* endless, rotary, pneumatic, reciprocatory, screw, vibratory)
- S1877 .. article dispensing
- S1878 .. article sorting, gathering, grouping, marshalling, orienting and stacking

- S1879 . web winding, sheet and web handling and dispensing
- S1880 . . . cassettes for film and tape—*See term S1804 above*
- S1881 . pipe, cable and filament winding and handling; filament dispensing; cable and pipe laying and extracting; forming by winding
- S1881 . . . positioning and locating (*eg sheet and other workpiece registration*); tool changing; remote manipulation; robots
- S1881 . . . fluid distribution, supply and disposal systems—
- S1882 . . . *Note*: Index also nature of installation served (*eg vehicle, building*) if appropriate
- S1882 . . . in general
- S1882 . . . land irrigation and drainage systems—*See term S1004 above*
- S1883 . . . fuel supply systems for combustion devices (*eg burners, ic engines*); fuel injection
- S1884 . . . other fuel distribution systems (*eg oil and gas pipelines*)
- S1885 . . . water supply systems
- S1886 . . . drainage and sewerage systems; drains generally
- S1887 . . . ventilating systems
- S1887 . . . . ventilators—*See term S1901 below*
- S1888 . . . spraying and sprinkling systems; spraying generally
- S1888 . . . . sprinklers *per se*—*See term S1900 below*
- S1889 . . . other fluid distribution, supply and disposal systems
- S1889 . . . dispensing fluent materials in metered quantities—
- S1890 . . . in general
- S1890 . . . shoots and hoppers—*See term S1896 below*
- S1890 . . . animal food and drink—*See term S1021 above*
- S1891 . . . gases; solids
- S1892 . . . beverages
- S1893 . . . liquids *other than* beverages (*eg fuels, chemical reagents*); liquids in general
- S1893 . . . . fuel supply systems for combustion devices—*See term S1883 above*
- S1893 . . . dispensers *not otherwise provided for*—
- S1893 . . . . as weapons—*See terms S1189-S1203 above*
- S1893 . . . . squeeze-to-empty containers—*See term S1794 above*
- S1894 . . . pressurised and powered (*eg aerosol dispensers for deodorants, perfumes, soaps, lubricants &c*)
- S1895 . . . other (*including* shakers and pourers *eg* condiment dispensers, talcum powder shakers, watering cans, roll-on deodorant applicators)
- S1895 . . . conveying, handling, supplying and distributing *not provided for above*—
- S1896 . . . shoots and hoppers; funnels
- S1897 . . . other
- S1897 . . . parts for conveying handling, supplying and distributing apparatus—
- S1897 . . . . containers—*See terms S1786-S1812 above*
- S1897 . . . . pumps, turbines and fans—*See terms S1987, S2003-S2008 below*
- S1897 . . . . fluidic circuits—*See term S2085 below*
- S1897 . . . . belts and chains—*See term S2030 below*
- S1897 . . . . conduits, pipes and tubes—*See term S1573 above*
- S1898 . . . pallets
- S1899 . . . carburettors
- S1900 . . . nozzles, jets, sprinklers and spray producers
- S1901 . . . valves, taps, ventilators, dampers
- S1902 . . . baffles and diffusers

**Energy technology (storing, distributing, handling, transmitting, detecting, converting, dissipating)—**

- S1903 . **power plant and power generation in general**
- S1903 . . . *Note*: index also nature of prime mover if significant
- S1904 . . . **nuclear energy**—
- S1904 . . . . in general
- S1904 . . . . reactors and power plant—
- S1905 . . . . . in general
- S1905 . . . . . cooling systems—*See term S1968 below*
- S1906 . . . . . fuel elements and assemblies
- S1907 . . . . . other

- S1908 . **high energy beam or field**—
  - .. in general
  - .. C.R.T. equipment—*See* term S2284 *below*
- S1909 .. lasers
- S1910 .. electron beam apparatus (*including* electron microscopes); ion beam apparatus; particle accelerators
- S1911 .. X- and gamma-ray beam apparatus
  - ... radiological apparatus for medical diagnosis or treatment—*See* terms S1031, S1032 *above*
- S1912 .. microwave apparatus
  
- S1913 . **light (including UV and IR)**—
  - .. in general
  - .. optical elements—
    - ... in general
    - ... light guides, optical fibres and other light transmitting elements
    - ... lenses, prisms and other refracting elements *including* mirror lenses
      - ... spectacle and contact lenses—*See* terms S1064, S1065 *above*
    - ... mirrors and other reflecting elements
    - ... filters, polarizers; diffraction elements
    - ... focussing mechanisms; mounts and holders for optical equipment
    - ... shutters and diaphragms
    - ... other *including* switches for light
  - .. light sources—
    - ... light bulbs in general
    - ... combustion and associated incandescent elements; candles
    - ... electric incandescent
    - ... arc and discharge
    - ... photo-electric, *eg* light-emitting diodes
    - ... luminescent (electro-, chemi- and photo-)
  - .. lamps and lighting equipment—
    - ... in general; “sun-ray” lamps and equipment generally
    - ... photographic and like flash lamps and guns
    - ... torches and like portable lamps, *eg* miners' lamps
    - ... domestic and like internal light fittings; standard lamps; candle holders; lamp shades and diffusers
    - ... street and like exterior light fittings
    - ... floodlights, spotlights and like fittings for theatrical, photographic and similar use
    - ... vehicle lighting and visual signalling equipment
    - ... other
      - .. other optical equipment—
        - ... rangefinders, theodolites, and other optical measuring and testing equipment. *See* Measuring &c *below*
        - ... spectacles—*See* term S1065 *above*
        - ... sight testing equipment—*See* term S1058 *above*
        - ... photographic equipment—*See* terms S2217-S2235 *below*
- S1936 .. binoculars, telescopes, microscopes, periscopes, kaleidoscopes
- S1937 .. eye-pieces; viewfinders; image intensifiers and photomultipliers
- S2404 .. other
- S1938 .. photo-cells, phototransistors and other light detectors
  - ... light-actuated electrical switches—*See* term S2064 *below*
  
- S1939 . **sound**—
  - .. in general
  - .. diaphragms—*See* term S2039 *below*
  - .. musical instruments—
    - ... in general
    - ... keyboard
    - ... other than keyboard
    - .. other sound producers—
      - ... loudspeakers, ear- and head-phones
      - ... horns, bells, buzzers, sirens, whistles *other than* specifically as musical instruments (*eg* motor car horns, telephone bells)
      - ... other than the above
- S1940 .. keyboard
- S1941 .. other than keyboard
- S1942 .. other sound producers—
  - ... loudspeakers, ear- and head-phones
  - ... horns, bells, buzzers, sirens, whistles *other than* specifically as musical instruments (*eg* motor car horns, telephone bells)
  - ... other than the above
- S1943 .. horns, bells, buzzers, sirens, whistles *other than* specifically as musical instruments (*eg* motor car horns, telephone bells)
- S1944 .. other than the above
- S1945 .. other than the above

- S1946 . . . sound absorbing or silencing devices *including* engine exhaust silencers
- . . . materials for—*See* term S1417 *above*
- S1947 . . . microphones and other sound detecting or pick-up devices; vibration transducers
- . . . sound actuated electrical switches—*See* term S2064 *below*
- S1948 . . . other acoustic apparatus (*including* acoustic microscopes, sound directing devices, sound magnifiers)
- . . . deaf aids—*See* term S1066 *above*
  
- . **heat**—
- S1949 . . . in general
- S1950 . . . ignition devices; matches, lighters
- . . . specifically for tobacco products—*See* term S1118 *above*
- . . . heat sources; burners—
- . . . space heaters (*eg* electric and gas fires)—*See* terms S1972, S1973, S1978, S1979 *below*
- . . . fuel supply systems for burners—*See* term S1883 *above*
- S1951 . . . in general
- . . . electric—
- S1952 . . . . in general
- . . . . microwave—*See* term S1912 *above*
- S1953 . . . . ohmic
- S1954 . . . . arc, induction
- S1955 . . . oil and gas burners *including* blow lamps
- . . . flame projectors—*See* term S1194 *above*
- S1956 . . . solid fuel burners
- . . . hearths and fireplaces—*See* term S1971 *below*
- S1957 . . . other
- S1958 . . . heat insulating and storing devices and structures *including* hot water bottles
- . . . materials for—*See* terms S1402-S1405 *above*
- . . . insulated food containers—*See* term S1803 *above*
- . . . heat recovery and extraction—
- . . . in general
- S1959 . . . from natural sources (*eg* solar, geothermal)
- S1960 . . . from other specified sources, *eg* power plant
- S1961 . . . heat pumps
- S1962 . . . recuperators
- S1963 . . . other devices and equipment
- S1964 . . . cold production and utilisation; cooling—
- . . . in general
- S1965 . . . refrigerators, freezers; refrigeration generally
- S1966 . . . . heat pumps—*See* term S1962 *above*
- S1967 . . . space cooling, air conditioning
- . . . . ventilating—*See* term S1887 *above*
- S1968 . . . other, *including* engine cooling systems
- S1969 . . . heat transmitters; exchangers and dissipators; condensers and evaporators
- . . . heat utilisation equipment—
- . . . in general
- S1970 . . . electric blankets—*See* term S1216 *above*
- S1971 . . . hearths and fireplaces
- S1972 . . . gas and oil-fuelled fires and heaters
- S1973 . . . electric fires
- S1974 . . . furnaces and kilns
- . . . . for specific purposes—*See* term for purpose
- S1975 . . . ovens and stoves
- . . . . for specific purposes—*See* term for purpose
- S1976 . . . water and other liquid heaters; boilers
- S1977 . . . steam generators
- S1978 . . . space heating systems; central heating systems
- S1979 . . . district heating systems
- S1980 . . . other appliances incorporating heat generating means *including* body-warmers
- S1981 . . . heat detectors; thermocouples; thermo-electric elements
- . . . thermistors—*See* term S2059 *below*

- . **mechanics**—
- S1982 . . in general
- S1983 . . rotary and reciprocating machines in general (*ie* machines not specified as pumps, motors or engines)
- . . prime movers; motors and engines—
- S1984 . . . in general
- . . . magneto-electric motors—*See* terms S2047-S2049 *below*
- S1985 . . . specified as continuous reciprocating
- S1986 . . . specified as continuous rotary
- S1987 . . . gas, steam, water turbines; turbines generally
- . . . combustion product engines *other than* turbines—
- S1988 . . . . in general
- S1989 . . . . jet engines
- . . . . internal-combustion engines—
- S1990 . . . . . in general
- S1991 . . . . . petrol
- S1992 . . . . . diesel
- S1993 . . . . . other fuel
- S1994 . . . . . turbo-charged
- S1995 . . . . other (*including* rocket, Stirling and other external combustion engines)
- . . . specified working medium engines *other than* combustion product—
- . . . . turbines—*See* term S1987 *above*
- S1996 . . . . steam, hot gas and vapour engines
- S1997 . . . . hydraulic
- S1998 . . . . pneumatic
- S1999 . . . . other (*including* wind and wave motors)
- S2000 . . . single or interrupted cycle motors (*eg* hydraulic and pneumatic actuators)
- . . . . *Note*: index also as a jack using term S1873, if appropriate
- . . . potential energy (spring and weight) mechanisms and motors
- S2002 . . . power amplifiers; servos
- . . pumps, compressors and fans—
- S2003 . . . in general
- S2004 . . . reciprocating
- S2005 . . . rotary *other than* fans
- S2006 . . . fans
- S2007 . . . jet
- S2008 . . . other
- . . mechanical and machine elements and sub-systems—
- S2009 . . . in general
- . . . parts peculiar to vehicles and craft—*See* terms S1843-S1865 *above*
- . . . carburettors—*See* term S1899 *above*
- . . . engine exhaust silencers—*See* term S1946 *above*
- . . . valves—*See* term S1901 *above*
- . . . washers, gaskets and other seals—*See* terms S1781-S1785 *above*
- S2010 . . . mountings for prime movers
- S2011 . . . springs and dampers; energy absorbing devices and elements
- S2012 . . . gyroscopes; flywheels
- S2013 . . . brakes; brake shoes and pads
- S2014 . . . clutches; clutch-plates
- S2015 . . . hydraulic and pneumatic transmissions
- . . . gearing—
- S2016 . . . . elements
- . . . . . variable-ratio, change-speed, assemblies—
- . . . . . . automatic
- . . . . . . other
- S2019 . . . . differential gear assemblies
- S2020 . . . . other gearing assemblies
- S2021 . . . shaft couplings; universal joints
- S2022 . . . hinges; pivots; swivels
- S2023 . . . pistons; cylinders
- . . . . piston-rings—*See* term S1783 *above*
- S2024 . . . cylinder heads, engine blocks
- S2025 . . . telescopic members
- S2026 . . . levers, linkwork, cranks, connecting rods; Bowden and other motion-transmitting cables and cords

- S2027 . . . handles, knobs, hand levers, pedals
  - . . . . handles and knobs merely as means for holding or gripping articles—*See* terms for articles
  - . . . . vehicle door handles—*See* term S1856 *above*
  - . . . . knobs and handles for doors *other than* vehicle doors—*See* term S1715 *above*
- S2028 . . . keyboards
- S2029 . . . cams
- S2030 . . . driving chains and belts; conveyer belts
  - . . . bearings—
    - . . . . in general
- S2031 . . . roller and ball
- S2032 . . . sliding (*including* runners and guides)
- S2033 . . . . curtain operating mechanisms—*See* term S1218 *above*
  - . . . . other
- S2034 . . . lubricating devices and arrangements
- S2035 . . . fan and turbine blades and vanes
- S2036 . . . camshafts, crankshafts; shafts generally; axles
- S2037 . . . rollers
- S2038 . . . diaphragms and bellows
- S2039 . . . guards and other passive safety devices
- S2040 . . . other
- S2041
  
- . **magnetism**—
  - . . in general
  - . . materials—*See* term S1423 *above*
  - . . magnets—
    - . . . in general
  - . . permanent magnets
  - . . electromagnets; solenoids
  - . . magnetic/electromagnetic machines and devices—
    - . . . in general
    - . . . motors, generators and converters—
      - . . . . in general
      - . . . . superconducting
      - . . . . other
  - . . magnetic and electromagnetic clutches, couplings and brakes
  - . . . other
  
- . **electricity**—
  - . . in general
  - . . materials—*See* terms S1420-S1422, S1424, S1425 *above*
  - . . circuits—*See* terms S2086-S2099 *below*
  - . . electrical components in general
    - . . . basic circuit components—
      - . . . in general
      - . . . . aerials—*See* term S2203 *below*
      - . . . . memories and memory cells—*See* term S2121 *below*
      - . . . . thermo-electric elements—*See* term S1981 *above*
      - . . . . microphones and other sound and vibration transducers—*See* term S1947 *above*
      - . . . . photo-electric devices, *eg* light-emitting diodes—*See* term S1926 *above*
      - . . . . photo-cells, photo-transistors—*See* term S1938 *above*
    - . . . conductors; cables and wiring; busbars and rails
    - . . . insulators; insulating boards
      - . . . . printed circuit boards—*See* term S2087 *below*
    - . . . inductors; coils; chokes
    - . . . transformers
    - . . . resistors; thermistors
    - . . . capacitors
    - . . . semi-conductors
      - . . . . switches and switchgear; circuit breakers—
        - . . . . in general
        - . . . . magnetically and electromagnetically actuated
        - . . . . light, sound and thermally actuated
- S2052
- S2053
- S2054
- S2055
- S2056
- S2057
- S2058
- S2059
- S2060
- S2061
- S2062
- S2063
- S2064

- S2065 . . . other *including* manually actuated
  - S2406 . . . fuses, circuit protectors *not otherwise provided for*
  - S2066 . . . contacts (*eg* sliprings, brushes, shoes, trolleys, commutators)
  - S2067 . . . couplings and wiring accessories (*eg* terminals), component holders; mounts and housings for electric wiring
    - . . . lamp holders and light fittings—*See* term S1931 *above*
  - S2068 . . . electrodes generally; anodes, cathodes; ion-sources, targets
  - S2069 . . . waveguides; delay lines
    - . . . discharge tubes and other discharge devices—
  - S2070 . . . in general
    - . . . as light sources—*See* term S1925 *above*
    - . . . X-ray and other high energy beam tubes—*See* terms S1908-S1912 *above*
  - S2071 . . . thermionic valves
  - S2072 . . . other (*including* klystrons, magnetrons)
  - S2073 . . . spark generators (*other than* piezo-electric); spark plugs
  - S2074 . . . piezo-electric, electrostrictive and magneto-strictive devices; mechanical/electrical and magnetic/electrical transducers *not otherwise provided for*
  - S2075 . . . electric field motors; electrostatic motors
  - S2076 . . . basic circuit components *not otherwise provided for*
    - . . . generating electricity—
    - . . . in general
    - . . . electromagnetic generators; dynamos—*See* terms S2047-2049 *above*
  - S2078 . . . electro-chemical cells and batteries
  - S2080 . . . solar-powered and other arrays utilising photo-cells, thermocouples and like transducers
    - . . . electricity-producing transducers *per se*—*See* the appropriate terms *above* (*eg* S1938, S1981, S2074)
  - S2081 . . . power generating plant (*ie* combinations of a power source and electric generator)
  - S2082 . . . electric power converters
    - . . . dynamo-electric converters—*See* terms S2047-2049 *above*
  - S2083 . . . electric power distribution systems
    - . . . *Note*: index also nature of installation served (*eg* vehicle, building) if significant
- Circuitry—**
- S2084 . in general
    - . defined by energy handled—
  - S2085 . . fluid
    - . . electric—
    - . . . in general
  - S2086 . . . printed and pre-fabricated circuits and circuit-boards *other than* integrated
  - S2087 . . . integrated circuits; microchips
  - S2088 . . . other
    - . defined functionally—
    - . . memories—*See* term S2121 *below*
    - . . power supply and distribution—*See* terms S2081, S2083 *above*
    - . . power conversion—*See* terms S2047-2049 and S2082 *above*
  - S2090 . . encoding/decoding; code converting; A/D converting
  - S2091 . . oscillating, frequency-changing, modulating and demodulating
  - S2092 . . basic pulse, logic and clocking circuits; pulse counters
  - S2093 . . amplifying
  - S2094 . . multiplexing; common channel arrangements
  - S2095 . . switching; switching networks
  - S2096 . . error detecting and correcting; recognition
  - S2097 . . filtering; signal shaping and thresholding
  - S2098 . . mixing
  - S2099 . . others

**Recording; playback—**

- S2100 . in general
- S2101 . magnetic techniques
- S2102 . optical techniques
- S2103 . other techniques *including* techniques using styli
- . information recorded and/or played back—
- . . *Note*: co-ordinate with the technique used if appropriate
- . . data
- S2104 . . audio only
- S2105 . . video with or without audio
- S2106 . tape recording/playback equipment in general
- S2107 . disc recording/playback equipment in general
- S2108 . components of recording/playback equipment—
- S2109 . . in general
- . . recording materials and media—*See* terms S2117-S2120 *below*
- S2110 . . recording/playback heads, erase heads, styli, cartridges, pick-up arms
- . . . transducers *per se*—*See* term S2074 *above*
- S2111 . . turntables
- S2112 . . cleaning devices for discs, tapes, heads and styli
- S2113 . . record and tape changing mechanisms
- S2114 . . record and tape starting/stopping equipment
- S2115 . . guiding and tracking equipment
- S2116 . . other equipment

**Information Storage—**

- . information stored in directly comprehensible manner—*See* terms S2263-S2279 *below*
- . recording materials, recording media—
- S2117 . . in general
- . . unstructured materials—*See* term S1423 *above*
- S2118 . . tapes *including* punched tapes
- . . . cassettes and reels for tape—*See* terms S1804, S1805 *above*
- S2119 . . discs
- S2120 . . other *including* “smart cards” and bar codes
- S2121 . data stores, memories, memory cells

**Calculating; computing; data processing; counting—**

- S2122 . in general
- . data processing input/output—
- . . data storage—*See* terms S2100-S2121 *above*
- k S2424 . . manual *eg* joysticks, mice, digitising tablets
- . . circuitry—*See* terms S2084-S2099 *above*
- . electronic computers and calculators—
- S2123 . . in general
- S2124 . . computer networks
- . . digital computers and calculators—
- S2125 . . . in general; computer programmes in general
- . . . for specialised applications—
- . . . . word-processing, translating
- S2126 . . . . other
- S2127 . . analogue and hybrid computers and calculators
- S2128 . mechanical computers and calculators (*eg* slide-rules, abacuses); mathematical tables
- S2129 . fluid logic computers and calculators
- S2130 . counting devices and systems
- S2131 . . pulse counting circuits—*See* term S2092 *above*
- S2132 . cash registers, cash dispensers, coin dispensers, change givers
- S2133 . fare checking and registering; ticket issuing, certifying, cancelling or punching devices; franking machines
- S2134 . coin and like token freed devices (*including* prepayment meters, *eg* parking meters)

**Measuring; analysing; testing; controlling; regulating; warning; indicating state or condition; alarms—**

- . applied to physiological conditions—*See* terms S1025-S1067 *above*
- . **named analytical, measuring and testing techniques**, (*ie* techniques not inherently restricted to the quantification or measurement of a single parameter only)—
- . . measuring individual radiation and field properties of radiation—*See* terms S2154, S2157, S2160 *below*
- . . polarimetry—*See* term S2155 *below*

- S2135 . . spectroscopy; spectral analysis; diffraction analysis
- S2136 . . interferometry
- S2137 . . N.M.R, E.S.R, and other techniques involving resonance
  
- S2138 . . Doppler techniques
  - . . . radar and like systems utilising Doppler techniques—*See* term S2139 *below*
- S2139 . . radar, sonar, lidar; ultra-sonic and echo-techniques generally
- S2140 . . chromatography
- S2141 . . seismology; seismic prospecting; surveying
- S2142 . . comparative analysis (*eg* for handwriting, fingerprints, voice)
- . **measuring; measuring instruments—**
  - . . *Note*: When the measurement is made using an analytical &c technique named above, the appropriate term for the technique should also be applied
  - . . in general
  - S2143 . . instruments measuring and expressing more than one parameter, *eg* tachographs
  - S2144 . . parameters expressed—
    - . . . time and date—*See* terms S2198-S2201 *below*
    - . . . number, counting—*See* terms S2122-S2134 *above*
  - S2145 . . . linear parameters (length, distance, level, height, depth); rulers, odometers, altimeters, depth gauges
  - S2146 . . . area, volume, capacity; planimeters, domestic gas and water meters
    - . . . angle, direction, position, location—
      - . . . . navigational systems
      - S2147 . . . . other (*eg* protractors, sextants, compasses)
      - S2148 . . . . movement—
        - S2149 . . . . speed, rotational velocity
        - S2150 . . . . fluid flow rate
          - . . . . . domestic gas and water meters—*See* term S2146 *above*
  - S2151 . . . acceleration and deceleration
  - . . properties of materials—
    - . . . in general
    - S2152 . . . . magnetic properties (*eg* hysteresis, remanence, magnetostriction)
    - S2153 . . . . electrical and electromagnetic wave (*other than* light, UV, IR, X and gamma ray properties)
    - S2154 . . . . optical properties (*including* UV), (*eg* transparency, polarising properties)
    - S2155 . . . . sound and vibration properties
    - S2156 . . . . thermal properties (*including* IR), (*eg* melting and other transition point, specific heat, thermal conductivity, absorption and transmission of thermal and IR radiation)
    - S2157 . . . . physical properties (*eg* density, stiffness, resilience, flow properties, surface properties, solubility)
  - S2158 . . . . pH, acidity, alkalinity
  - S2423 . . . . concentration; composition; chemical properties *not otherwise provided for*
  - S2159 . . . . atomic, nuclear, radio-active particle and high energy (X and gamma) radiation properties
  - S2160 . . . wave and field properties—
    - . . . in general
    - S2161 . . . . intensity (*including* loudness); amplitude; flux, field strength; dosage
    - S2162 . . . . wavelength, frequency, colour
    - S2163 . . . . direction, phase, polarisation
    - S2164 . . . heat—
      - . . . . in general
      - S2165 . . . . temperature; thermometers
      - S2166 . . . . other
      - S2167 . . . force and related parameters—
        - . . . . in general
        - S2168 . . . . pressure (*eg* fluid pressure); manometers, pressure gauges, barometers
        - S2169 . . . . weight, mass; scales, balances
        - S2170 . . . . torque, stress/strain, tension
        - S2171 . . . . momentum, inertia, work, energy, power
        - S2172 . . . . other
        - S2173 . . . . other

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- S2174 . . . electrical and electro-chemical parameters—
- S2175 . . . . in general
- S2176 . . . . current, voltage, potential; ammeters, voltmeters
- S2177 . . . . . pH meters—*See term S2423 above*
- S2178 . . . . impedance, reactance, resistance, capacitance, inductance
- S2179 . . . . charge; electric power; wattmeters
- S2180 . . . . phase; gain; Q-factor; frequency
- . . . . other
- . . . other parameters
- controlling, regulating, adjusting—**
- . . *Note:* index also nature of apparatus or operation controlled, regulated or adjusted if significant
- S2181 . . in general
- S2182 . . retroactive
- S2183 . . programmed
- S2184 . . condition responsive
- S2185 . . other (*including* combinations of the above)
- monitoring, detecting or indicating state or condition; warning; alarms—**
- . . *Note:* index also nature of apparatus, installations or operation monitored &c if significant
- S2186 . . in general
- . . elapsed-time alarms, alarm clocks, watches and timers—*See terms S2199, S2200 below*
- . . condition or state monitored or responded to—
- . . . physical presence or absence; activity/inactivity; movement—
- S2187 . . . . in general
- S2188 . . . . burglar, intruder, theft and like alarms; surveillance systems
- S2189 . . . . other
- S2190 . . . structural defects or failures (*eg* cracks, leaks, flaws)
- S2191 . . . contamination
- S2192 . . . fire, smoke, gas and vapour, and associated conditions
- S2193 . . . wear
- S2194 . . . state of material or work supply
- S2195 . . . other
- S2196 . . non condition-responsive alarms, warning and indicating devices
- S2197 **testing; apparatus and equipment therefor**
- . . *Note:*
  - (1) Index also nature of material, item or apparatus being tested if significant
  - (2) When the testing is by means of an analytical technique named above, the appropriate term for the technique should also be applied
- Timing; date indicating—**
- S2198 . . in general
- S2199 . . clocks and watches for domestic and personal use; clocks in general
- S2200 . . other timing devices
- . . clocking circuits—*See term S2092 above*
- S2201 . . calendars and other date indicators
- Communications, transmission and reception—**
- S2202 . . in general; telecommunication in general
- . . radar, sonar, lidar—*See term S2139 above*
- . . waveguides—*See term S2069 above*
- . . computer networks—*See term S2124 above*
- . . TV and video cameras—*See term S2222 below*
- . . remotely actuated alerting (*eg* paging) systems—*See term S2196 above*
- S2203 . . aerials
- S2204 . . radio and TV transmission; transmitters, transceivers, transponders
- S2205 . . radio receivers
- S2206 . . TV receivers
- S2207 . . line transmission and closed circuit systems (*including* public address, intercom and door telephone systems)
- S2208 . . optical communications; sound energy communications
- S2209 . . secret communications; scrambling and jamming equipment
- S2210 . . facsimile equipment
- S2211 . . teletext; viewdata systems
- S2212 . . satellite communications

- S2213 . telephone equipment—
- S2214 . . in general
- S2215 . . exchanges and exchange equipment
- S2216 . . subscriber and other user equipment (*including* telephone handsets, modems)
- S2216 . . other communication equipment
  
- Photography; photographic equipment—**
- S2217 . in general
- S2217 . lighting equipment, optical elements—*See* terms S1914-S1921 and S1928-S1935
- S2217 . film winding devices. *See* term S1879 *above*
- S2218 . exposing and imaging generally
- S2218 . cameras—
- S2219 . . in general
- S2220 . . still
- S2221 . . cine
- S2222 . . video and TV
- S2222 . darkroom processing—
- S2223 . . in general
- S2224 . . developng, fixing, enlarging, printing
- S2225 . . other
- S2226 . projecting and viewing *including* screens
- S2227 . stands and holders for photographic gear, *eg* tripods
- S2228 . slide and negative holders
- S2228 . . picutre and photo frames—*See* term S2296 *below*
- S2228 . materials—
- S2229 . . in general
- S2229 . . chemicals and unstructured materials—*See* terms S1408-S1410 *above*
- S2230 . . film, papers (*including* substrates) and plates
- S2231 . . “finished” materials (*eg* prints and transparencies)
- S2231 . specified photographic fields—
- S2232 . . “instant” picture photography
- S2233 . . stereo photography; stereo images
- S2234 . . holography; holograms
- S2235 . . other
  
- Printing**
- S2236 . in general
- S2237 . obtaining from fingers and other body parts
- S2237 . specific “bulk” printing operations; equipment and presses therefor—
- S2237 . . franking—*See* term S2133 *above*
- S2238 . . printing presses generally
- S2239 . . colour printing generally
- S2240 . . offset; lithographic printing
- S2241 . . other specific types of “bulk” printing (*including* silk-screen and intaglio printing)
- S2241 . copying, duplicating—
- S2242 . . in general
- S2242 . . imaging—*See* term S2218 *above*
- S2242 . . facsimile producing—*See* term S2210 *above*
- S2243 . . electrophotographic
- S2244 . . other
- S2245 . . compositing; hand printing
- S2246 . tracers and pen recorders
- S2247 . selective printing; typewriters
- S2247 . materials (*including* printing and impression members)—
- S2248 . . in general
- S2248 . . unstructured materials, *eg* inks—*See* appropriate terms *eg*. S1390 *above*
- S2249 . . “copy” paper; printing paper generally
- S2250 . . carbon and other “marking” papers (*eg* thermographic and carbonless); ink ribbons
- S2251 . . electrophotographic papers and plates
- S2252 . . transfers; screens and stencils
- S2253 . . printing plates *other than* the above; printing plates generally; holders therefor; blankets; offset or impression members
- S2254 . . other

- . specific subordinate operations; equipment therefor—
- . . sheet and web feed and delivery—*See* term S1879 *above*
- S2255 . . inking and damping; toner application
- S2256 . . set-off preventing; image fixing
  
- Writing; drawing; graphic arts—**
- S2257 . in general
- . pencil sharpeners—*See* term S1652 *above*
- S2258 . writing instruments, *eg* pens, pencils (*including* nibs and refills); chalks and crayons
- S2259 . drawing instruments and equipment (*eg* compasses, templates, pantographs, boards, slates and canvases)
- . . easels, bookrests—*See* term S1211, S1223 *above*
- S2260 . erasers; blotting paper, paperweights; desk tidies, pen and pencil holders; inkwells
- S2261 . palettes; colour boxes; seals for stationery
  
- S2262 **Bookbinding; bookbinding machines; files, wallets and binders for loose papers; card indexes and other paper filing systems**
- . filing cabinets—*See* term S1212 *above*
  
- Printed or written matter; stationary; coinage—**
- S2263 . in general
- . envelopes—*See* term S1789 *above*
- . labels and tags—*See* term S2291 *below*
- S2264 . books in general; reading or reference books
- S2265 . newspapers and periodicals; magazines; brochures; catalogues
- S2266 . albums
- S2267 . copybooks; ledgers; cash and account books; stationery sets (*eg* with interleaved carbons)
- S2268 . letters; mail, postcards; letter and greeting cards; menu, programme and visiting cards
- S2269 . note- and writing-paper; notelets
- S2270 . music; shorthand records, shorthand generally; touch-readable matter, *eg* Braille
- S2271 . cheques, credit cards, passes and like security documents
- S2272 . money (*including* coins); postage stamps
- S2273 . tickets, coupons, vouchers, tokens
- S2274 . maps, charts and diagrams
- . specialised written or printed records—
- . . in general
- . . machine-readable—*See* terms S2117-S2121 *above*
- S2276 . . fiche, microfiche
- S2277 . . machine print-outs (*eg* till receipts, tachograph records)
- . . . tickets—*See* term S2273 *above*
- S2278 . . other
- S2279 . other printed or written matter
  
- Display and indicating—**
- S2280 . in general
- . models—*See* term S1205 *above*
- . traffic control and signalling equipment—
- S2281 . . specifically road; street furniture
- S2282 . . specifically rail
- . synthesising displays—
- S2283 . . in general
- . . TV receivers—*See* term S2206 *above*
- S2284 . . C.R.T. equipment
- S2285 . . L.E.D., liquid crystal, fibre-optic and like electrical or magnetic selective displays
- S2286 . signs, indicators, and displays *other than* the above
- S2287 . display stands for goods
- S2288 . dials, scales, graduations
- S2289 . index hands, pointers, cursors
- S2290 . dummies and lay figures; statutory; monuments
- S2291 . labels, tags (and holders therefor); bookmarks, nameplates, number plates, badges
- . . labelling—*See* terms S1817, S1818 *above*
- S2292 . flags and banners

- Decoration; decorative effects; trim—**
- S2293 . in general
  - . decorative surface treatments and finishes—*See* appropriate terms eg. S1653 *above*
  - . religious and devotional items—*See* term S1204 *above*
  - S2294 . rubbing and like trim strips, *eg* for vehicles
  - . decorations
  - S2295 . . in general—
  - . . wall coverings and linings (*eg* wall papers, tapestries)—*See* term S1219 *above*
  - . . statuary—*See* term S2290 *above*
  - S2296 . . pictures; picture and photo frames
  - S2297 . . ornaments and trophies
  - S2298 . . Christmas and party decorations; toy balloons; confetti
  - S2299 . . other
  - S2300 . other decorative features and effects *including* fountains

- Teaching and training; research—**
- S2301 . in general
  - . teaching, training and research aids and equipment *not provided for elsewhere*
  - S2302 . . condition simulators, *eg* flight simulators
  - S2303 . . other
  - . . specifically for teaching or researching—
  - S2304 . . . reading, writing and speaking; shorthand; phonetics; languages, literature
  - S2305 . . . typing and like keyboard operations
  - . . . playing keyboard musical instruments—*See* term S2307 *below*
  - S2306 . . . physics *including* astronomy
  - S2307 . . . performing arts (*including* instrument playing); handicrafts
  - S2308 . . . mathematics; mensuration
  - S2309 . . . vehicle handling; navigation
  - . . . condition simulators—*See* term S2302 *above*
  - S2310 . . . other specific subjects

- Special environments—**
- S2311 . toxic; corrosive
  - S2312 . radio-active
  - S2313 . explosive; inflammable
  - S2314 . high-temperature; fire; flame
  - S2315 . low temperature
  - S2316 . submarine; submerged
  - S2317 . marine
  - S2318 . subterranean
  - S2319 . vacuum; space; low pressure
  - S2320 . high pressure
  - S2321 . sterile
  - S2322 . other (*including* dust laden, electrically noisy, noisy)

### SCHEDULE 3 - UTILITIES AND PROPERTIES OF MATERIALS

#### Life process affecting (or unaffacting) properties—

- . pharmaceutical properties—*See* Schedule 2 for specific physiological activity
- . biocompatible, inert, harmless generally
- S3001 . biodegradable
- S3002 . biocidal and pesticidal in general
- S1304 . herbicidal, fungicidal
- S1306 . insecticidal or insect repellent, specific pesticidal activity
- S1308 . other specific toxic property
- S1309 . nutritional with respect to vegetable material
- S1305 . edible
- S1338 . smell
- S1340 . flavour
- S1339 . flavourless, odourless
- S3003

#### Relating to chemical activity—

- . degradable—
- S3004 . . in general
- . biodegradable—*See* term S3002 *above*
- S3005 . . chemically
- S3006 . . thermally
- S3007 . . photo- or radiation-degradable or -depolymerisable
- S3008 . . otherwise degradable
- . stability characteristics—
- S3009 . . stable in general; weather resistant
- S3010 . . corrosion resistance or inhibiting characteristics; non-corrosive
- S3011 . . flammability and fire resistance or retardation characteristics
- S3012 . . degradation-, light- and other radiation-resistance characteristics
- S3013 . . oxidation resistance characteristics
- S3014 . . acid-, alkali- or hydrolysis-resistance characteristics
- S3015 . . chemical heat stability characteristics; smoke and fume generating characteristics
- S3016 . . stability/storage characteristics of normally liquid materials *eg* coating compositions
- S3017 . (thermo) hardening and cross-linking properties
- S3018 . chemically photo- or radiation-sensitive (*including* hardenable and polymerisable) *other than* degradable

#### Relations with other materials or component materials—

- . permeability, -philic, absorbing, swelling properties—
- S3019 . . in general
- S3020 . . to aqueous liquids
- S3021 . . to oils, organic solvents, paints, inks
- . . . adhesive and binding properties—*See* terms S1367, S1368, S1369 in Schedule 2 *above*
- S3022 . . to other liquids
- S3023 . . to gases or vapours
- . impermeability. -phobic, repellent properties—
- S3024 . . in general
- S3025 . . to aqueous liquids
- S3026 . . to oils, organic liquids
- S3027 . . to other liquids
- S3028 . . to gases or vapours
- . solubility/insolubility, solvent degradability or dispersability characteristics—
- S3029 . . in aqueous media
- S3030 . . in non-aqueous media
- S3031 . microporous; semi-permeable
- S3032 . dye affinity, tolerance characteristics
- S3033 . plasticised, softened (in the mass)
- S3034 . internal plasticisation

**Surface related properties—**

- S1363 . friction and grip promoting
- S1364 . lubricating, friction inhibiting, slippery
- S1365 . abrasive
- S3035 . abrasion and wear resistant, hard, non-abrasive
- S3036 . soft (feel)
- S3037 . smooth, light reflective, lustrous
- S3038 . rough, light scattering, dull, delustered, non-reflecting
- S3039 . heat sealable
- adhesive—*See terms S1367, S1368, S1369 in Schedule 2 above*
- S1370 . bond strength properties
- S1366 . low adhesion, non-sticky, free flowing (as powder or granules)
- S3040 . discolouration resistant; bloom free, resistant; bleed free
- S3041 . other surface-related properties
- . . binders, sealants, gap fillers, cements—*See terms S1382, S1383 in Schedule 2 above*

**Flow properties of normally liquid or semi-liquid materials**

- S1373 . fluid; low viscosity
- S1374 . viscous; thixotropic
- S1375 . viscosity stabilised
- . . gel point characteristics—*See term S3063 below*

**Mechanical and fabrication properties of normally solid materials—**

- S3042 . impact, rupture, fracture, shock and fatigue resistant; reduced brittleness or friability; tough
- S3043 . crack, tear, spall (flaking, splintering) resistant, shear and compression resistant characteristics
- S3044 . creep, cold flow resistant, dimensionally stable
- S3045 . (high) tensile properties, rigid
- S3046 . high wet strength
- S3047 . crease resistant
- S3048 . elastic, flexible, resilient, rubbery
- S3049 . brittle
- S3050 . frangible, friable
- S3051 . compressible; compression settable
- S3052 . mouldable (malleable, cold workable, ductile, plastic, hot castable), workability, processability, melt flow properties
- S3053 . thermoplastic
- . . melt flow properties—*See term S3052 above*
- S3054 . filament-; or fibre-forming
- S3055 . unsupported film forming
- S3056 . resistant to fibre, film or filament formation
- S3057 . machining characteristics
- S3058 . welding characteristics
- S3059 . other mechanical or fabrication characteristics

**Weight properties—**

- S1462 . light; cellular, foamed
- S3060 . buoyant
- S3061 . heavy, dense

**Thermal properties—**

- S1404 . heat resistance, refractory
- S1402 . heat conductive
- S1405 . heat insulating, absorbing, storing
- S1403 . heat reflecting
- S3053 . thermoplastic
- . . melt flow characteristics—*See term S3052 above*
- S3062 . melting point or range characteristics; volatility
- S3063 . glass transition point characteristics; gel point characteristics
- S3064 . heat shrinkable, elastic memory
- S3065 . expansion coefficient characteristics
- . . thermally degradable—*See term S3006 above*
- . . chemical heat stability; smoke and fume generating characteristics—*See term S3015 above*

- Sound and vibration properties—**
- S1417 . sound absorbing or insulating
  - S1418 . sound reflecting
  - S1419 . sound permeable or transmitting
  - S3066 . vibration absorbing and damping; high hysteresis
  - S3067 . vibration enabling, low hysteresis
- Electric (field) properties—**
- S1424 . conductive
  - S1421 . semiconductive
  - S1420 . insulating
  - S1422 . dielectric and electric field characteristics; piezo-electric
  - S1425 . anti-static
  - S3068 . other *including* thermo-electric
- Optical, electro-optical, electromagnetic wave properties—**
- S3069 . light transparent, translucent
  - S3070 . opaque
  - . light reflective or scattering—*See* terms S3037, S3038 *above*
  - S3071 . colour(ed), dye(d), pigment(ed) properties
  - S3072 . electromagnetic wave absorption/transmission properties
  - S3073 . refractive index characteristics
  - S3074 . dispersive power characteristics
  - S3075 . birefringence properties
  - S1412 . polarizing properties
  - S1413 . photochromic properties
  - S1411 . luminescent (*including* optical brightening) and electroluminescent properties
  - S1414 . photoelectric (voltaic, capacitive, resistive) properties
  - . chemically photo- or radiation-sensitive—*See* term S3018 *above*
  - . chemically photo-degradable—*See* term S3007 *above*
  - S3076 . shape or form sensitive to radiation
  - S3077 . other optical and e.m. wave properties
- S3078 **Magnetic properties (*including* absence of magnetic properties)**
- High energy radiation properties, radioactive, isotopic properties—**
- S1361 . radioactive
  - S1464 . isotopic
  - S3079 . radiation sensitive or opaque
  - . . chemically sensitive (*including* polymerisable) *other than* degradable—*See* term S3018 *above*
  - . . degradation or depolymerisation—*See* term S3007 *above*
  - S3080 . radiation resistant or transparent

#### **SCHEDULE 4 - BIOTECHNOLOGY**

##### **Gene/protein sequences—**

- . Animal—
- S4001 . . human
- S4002 . . non-human vertebrate
- S4003 . . other
- S4010 . plant
- S4020 . other (*including* bacteria, viruses, yeast, fungi)

##### **Cells/tissues/organisms**

- . stem cells—
- S4030 . . human
- S4031 . . other
- S4040 . embryos
- S4050 . methods for producing new embryos (*including* nuclear transfer)
- . animals—
- . . genetically modified—
- S4060 . . . vertebrates
- S4061 . . . invertebrates
- S4062 . . other
- . plants—
- S4070 . . genetically modified
- S4071 . . other