

JUL 25 1955

58

SECRET

13th July, 1955

ANNEX A to  
China/Sub-C(55) 8

CONSOLIDATED CHINA SPECIAL LIST

	<u>Series</u>	<u>Page</u>
METAL-WORKING MACHINERY	001-099	1
CHEMICAL AND PETROLEUM EQUIPMENT	101-199	2
ELECTRICAL AND POWER-GENERATING EQUIPMENT	201-299	7
GENERAL INDUSTRIAL EQUIPMENT	301-399	9
TRANSPORTATION EQUIPMENT	401-499	15
ELECTRONICS AND PRECISION INSTRUMENTS	501-599	17
METALS, MINERALS, AND THEIR MANUFACTURES	601-699	22
CHEMICALS AND PETROLEUM PRODUCTS	701-799	26
RUBBER AND RUBBER PRODUCTS	801-899	31
MISCELLANEOUS	901-999	32

China Special List Annex

INTERPRETATIVE NOTES

List Annex A.

SECRET

\*DOC Exempt Letter On File\*

PARIS

From : USRC /

FOR : **EXCON** DISTRIBUTION  
and  
ANY NECESSARY WASHINGTON ACTION

SECRET

- 1 -

Item No	Description	Source
<u>METAL-WORKING MACHINERY (001-099 series)</u>		
C-001	Metal-working machinery and accessories ( <u>except</u> those designed specially for the production of civilian hardware, such as - but not limited to - needle, pin, button and nailmaking machinery), as follows : (a) Metal-working machine-tools, and accessories therefor, n.e.s.; (b) Engineers' cutting and forming tools, n.e.s.	C-001 All items of 001-099 series

SECRET

SECRET

- 2 -

Item No	Description	Source
<u>CHEMICAL AND PETROLEUM EQUIPMENT (101-199 series)</u>		
<u>A, CHEMICAL EQUIPMENT (101-149 series)</u>		
(Note : For definition of the term "corrosion-resistant materials", as used in various items below, see Interpretative Note No 1 in Consolidated China Special List Annex A).		
<u>Specialised Processing Equipment</u>		
C-101	Acid (mineral) concentrating equipment, n.e.s. as follows: (a) Complete installations; (b) Unit components; (c) Items of equipment specially designed therefor. (See also item 1101.)	1101
C-102	Ammonia oxidation equipment, as follows : (a) Complete installations; (b) Catalysts suitable for ammonia oxidation.	1102
C-103	Antibiotics production equipment, as follows : (a) Complete installations; (b) Specialised components thereof.	1103
C-104	Liquid/liquid solvent extraction equipment, n.e.s. (See also item 1106.)	3110
C-106	High vacuum (4.5 mm of mercury pressure absolute or less) freeze-drying equipment as follows : (a) Complete installations; (b) Specialised parts, n.e.s., as follows : centrifugal vacuum spin-freezing apparatus, and multi-stage steam ejectors.	1109
C-107	Driers for chemical processes, as follows : (a) Continuous screen; (b) Cylinder; (c) Drum; (d) Rotary; (e) Spray; (f) Vacuum.	3102

SECRET

SECRET

- 3 -

Item No	Description	Source
<u>CHEMICAL AND PETROLEUM EQUIPMENT (continued)</u>		
<u>A. CHEMICAL EQUIPMENT (continued)</u>		
C-109	Hydrogen-producing equipment, n.e.s. (water - gas, electrolytic, gas cracking, gas extraction processes). (See also item 1112.)	1112
C-110	Hydrogenation equipment, n.e.s., as follows : (a) Complete installations; (b) Catalysts suitable for hydrogenation. (See also item 1151.)	1113
C-111	Methanol oxidation equipment, as follows : (a) Complete installations; (b) Catalysts suitable for methanol oxidation.	1116
C-112	Nitrators, n.e.s. (See also item 1118.)	1118
C-113	Chemical process vessels, tanks, and vats, and piping and allied fixtures, made of or lined with any corrosion-resistant material.	1141 2141 3140
C-114	Gas liquefying equipment and equipment for handling liquefied gas, designed for operation at pressures of 300 p.s.i. (21 kg. per sq. cm.) or over, n.e.s.  (Note : This includes steel cylinders for compressed or liquefied gases, whether or not with welded bottoms.) (See also item 1110.)	1110
C-115	Sulphur (natural) extraction equipment, as follows : (a) Complete installations; (b) Unit components; (c) Items of equipment specially designed therefor.	1123
C-116	Sulphur burners and pyrites roasters. (See also item 3124.)	1124

SECRET

SECRET

-4-

Item No.	Description	Source
<u>CHEMICAL AND PETROLEUM EQUIPMENT (continued)</u>		
<u>A. CHEMICAL EQUIPMENT (continued)</u>		
C-117	Water treatment equipment, industrial ( <u>except</u> (i) non-chemical anti-scaling types; (ii) stationary equipment for the treatment of drinking water).	1127 3127
C-118	Heat exchangers (tubular), n.e.s., for industrial processes and components thereof. (See also International List Annex D, item 33).	2110
C-119	Processing equipment operating at pressures over 200 p.s.i. (14 kg. per sq. cm.), n.e.s., as follows: (a) Complete installations; (b) Unit components; (c) Items of equipment specially designed therefor (including, but not limited to, autoclaves and digesters). (See also item 3120.)	1120
C-120	Distillation equipment (industrial) as follows: (a) Fractionating, rectifying, and dephlegmating columns, and parts therefor (see also item 1151 (d)); (b) Destructive distillation equipment, and parts; (c) Stills designed to operate at absolute pressure of 760 mm. and lower of mercury; and parts therefor.	2101 3101
C-121	Evaporators, multiple-effect.	3105
<u>Compressors, Pumps and Valves</u>		
C-131	Pumps ( <u>except</u> vacuum pumps) delivering liquids separately or in combination with solids and/or gases and having any of the following characteristics, n.e.s.: (a) Fabricated of, or lined with, any corrosion-resistant material; (b) Designed to operate at temperatures of 220° F (104° C) and over; (c) Designed for working pressures of 75 p.s.i. (5.25 kg. per sq. cm.) and over; (d) The following parts: bodies and rotors of centrifugal or rotary pumps fabricated of, or lined with, any corrosion-resistant material. (NOTE: This does <u>not</u> include diesel and fuel injection pumps, or pumps destined for compressing the liquid in hydraulic presses in conjunction with wood-working planing machines.)  (See also items 1131 and 2129.)	1131 2136 3131

SECRET



SECRET

-6-

Item No.	Description	Source
<u>CHEMICAL AND PETROLEUM EQUIPMENT (Continued)</u>		
<u>A. CHEMICAL EQUIPMENT (Continued)</u>		
<u>Other Chemical Equipment</u>		
C-140	Storage or transportation containers, having any of the following characteristics :	
	(a) Tanks and vats, n.e.s., and piping and allied fixtures, made of, or lined with, any corrosion-resistant material;	3140
	(b) Drums (metal, empty) of 20 litres (5 U.S. or Imperial gallons) capacity, or more, made of, or lined with, any corrosion-resistant material ( <u>exceeding</u> containers designed for the transport of milk);	3143
	(c) Vacuum insulated of 25 litres (6.6 U.S. gallons or 5.5 Imperial gallons) capacity or more;	1140
	(d) Drums (metal, empty) of 200 litres (55 U.S. gallons or 45 Imperial gallons) capacity or more;	3144
	(e) Containers of the "jerry can" or similar type, n.e.s., i.e. containers of 15 litres (4 U.S. gallons) capacity or more, equipped with handles and water-tight lids, and suitable for use in storing or transporting petroleum.	C-150
C-141	Gauges for measuring pressures over 100 atmospheres (gauge pressures of 1470 p.s.i. or 103 k.g per sq. cm.)	1145
C-142	Moulding machines for plastics (extrusion, injection, and other).	1146
C-143	Pipe and tubing, n.e.s. made of, or lined with, any of the following corrosion-resistant materials :	2142
	(a) Metals containing 10 per cent or more chromium and/or nickel and/or silicon; metals containing 90 per cent or more silver or titanium;	
	(b) Carbon and/or graphite;	
	(c) Polyvinyl chloride; polyvinylidene chloride resin; phenol formaldehyde (see also items 1142 and 3142);	
	(d) Borosilicate glass ( <u>except</u> pipe and tubing specially shaped for laboratory use);	
	(e) High-temperature fused silica or quartz.	
<u>B. PETROLEUM EQUIPMENT (150-199 sub-series)</u>		
C-151	Petroleum refinery equipment, n.e.s. (See also items 1151 and 1153)	1155 C-151

SECRET

SECRET

-7-

Item No.	Description	Source
<u>ELECTRICAL AND POWER-GENERATING EQUIPMENT</u> (201-299 series)		
<u>A. ELECTRICAL EQUIPMENT (except Power-Generating)</u> (201-249 sub-series)		
C-201	Electric furnaces, n.e.s., and electrical Component parts therefor, as follows: (a) Induction melting furnaces, including generating equipment of 480 cycles and above; (b) Direct or indirect arc furnaces; (c) Submerged arc furnaces, and direct resistance furnaces; (d) Induction heat-treating furnaces, including generating equipment of 480 cycles and above; (e) Resistor melting furnaces and ovens and resistor heat-treating, annealing furnaces and ovens; (f) Heating elements (resistors) for re- sistor furnaces. (See also International List Annex D, item 28.)	1201 2201 3201 C-302
C-210	Welding machines and equipment, n.e.s., and parts therefor (including electrodes - rod and wire - n.e.s.). (See also item 3202.)	1202 2210 C-210
C-211	Electrodes (artificial graphite), with cross section 3/4 inch to 2 inches (19 to 50 mm.).	3385
<u>B. POWER-GENERATING EQUIPMENT (250-299 sub-series)</u>		
C-250	Condenser tubes (seamless cupro-nickel).	1250
C-256	Internal combustion engines, n.e.s. (See also items 1255 and 3256.)	1255 1256 1265 2250 2251 2255 3250 C-265

SECRET



-8-

SECRET

Item No.	Description	Source
<u>ELECTRICAL AND POWER-GENERATING EQUIPMENT (Contd.)</u> <u>B. POWER-GENERATING EQUIPMENT (Continued)</u>		
C-260	Electric motors, n.e.s. (See also items 1260, 1266, 2265 and 3265).	1260 2265 3265 C-260
C-266	Power equipment, as follows: (a) Equipment, n.e.s., for electric generating, transforming, rectifying and converting, transmission, and power distribution; control gear and accessories, n.e.s., substation equipment, n.e.s.; and parts, n.e.s. for the foregoing (see also items 1266, 2266 and 3265); (b) Plant for the production of fuel gas; (c) Boiler-house plant for use with sub-items (a) and (b) above.	2265 3265 3267 C-266
C-270	Turbines all types over 300 h.p., n.e.s. (except those designed for driving electric generators). (See also item 2270.)	2270
C-275	Water-tube boilers, n.e.s., 80,000 pound-hours (36,300 kg. per hour) steaming capacity and above (See also items C-401, 1441 and 3441).	3260

SECRET

-9-

SECRET

Item No.	Description	Source
<u>GENERAL INDUSTRIAL EQUIPMENT (301-399 series)</u>		
<u>Metallurgical, Mill and Foundry Equipment</u>		
C-301	Foundry plant, n.e.s.	C-301
C-302	Furnace equipment : Pressure-top equipment (i.e., top equipment for blast furnaces designed to facilitate the retention during the recharging process of the pressure and temperature generated during the preceding heat for use with the new charge).	2301
C-303	Crucibles, artificial and natural graphite.	1302 3301
C-304	Separators (electrostatic) having a voltage of more than 1,000 volts across the air gap; and parts.	1310
C-305	Sintering equipment for metallurgical purposes	1311
C-306	Tinning units, electrolytic-automatic continuous.	1315
C-315	Hard-chrome plating plants (except small barrel-type electro-plating plants for decorative purposes).	C-315
C-316	Metal-spraying equipment.	C-316
<u>Construction and Conveying Machinery</u>		
C-320	Materials-handling equipment, as follows : (a) Fork-lift trucks; (b) Platform trucks; (c) Other industrial-type trucks, tractors, trailers and stackers. (NOTE: Sub-item (c) covers only equipment specially designed for materials handling, such as those equipped with crane booms and winches.)	C-375

SECRET



-11-

SECRET

Item No.	Description	Source
<u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u>		
C-351	Mining equipment and machinery, n.e.s.	1351 2350 3351 C-351
C-352	Equipment for the manufacture of synthetic (artificial) fibres, as follows: (a) Filament extrusion and spinning machines; (b) Spinnerets made of platinum and/or tantalum metals and/or alloys, capable of producing yarns of 500 deniers or more; (c) Spinnerets made of stainless steel capable of producing yarns of 210 deniers or more.	2354
C-354	Machines used for applying metal strip or sheet to form the outer conductor of coaxial electric cables.  (See also item 1354.)	2354
C-355	Cable-making machinery for making multipair electric cables for telecommunication purposes, as follows: (a) Machinery for applying insulating material to conductors ( <u>except</u> those covered by item 1354); (b) Machinery for laying conductors together and/or for applying an insulating, separating, binding, or identifying material thereto; (c) Machinery for laying up conductors, pairs, quads etc., into layers to form the complete cable core or part thereof.	2355
<u>Other General Industrial Equipment</u>		
C-375	Abrasives, as follows: (a) Silicon carbide, crude and in grains (b) Boron carbide; (c) Natural corundum (not including emery); (d) Fused aluminium oxide; (e) Grinding wheels of silicon carbide <u>and</u> other articles incorporating these grains; (f) Articles made of natural corundum (not including emery); (g) Grinding wheels of fused aluminium oxide, <u>and</u> other articles incorporating these grains.  (NOTE: The following products are <u>excluded</u> from control under sub-items (e), (f) and (g).	1374 2375 3374

SECRET

-12-

Item No.	Description	Source
<u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u>		
C-375 (contd.)	<ul style="list-style-type: none"> <li>(1) Sheets, cut strips, discs and belts with backing of kraft and/or rope paper, when the backing weighs 0.25 lb. per square yard (140 grams per sq. m.) or less and when the largest dimension does not exceed 12.6 inches (32 cm.);</li> <li>(2) Sheets, cut strips, discs and belts with textile backing, when the backing weighs 0.4 lb. per square yard (210 grams per sq. m.) or less and when the largest dimension does not exceed 12.6 inches (32 cm.);</li> <li>(3) Sheets, cut strips, discs and belts coated entirely (except for filler) with reclaimed corundum or reclaimed fused aluminium oxide;</li> <li>(4) Abrasives in paste form when the abrasives are reclaimed or, if primary abrasives are used, when they constitute less than 50 per cent of the weight;</li> <li>(5) Dental abrasives, as follows: <ul style="list-style-type: none"> <li>(i) unmounted wheels up to 1 inch (25.4 mm.) in diameter where the arbor hole is less than 0.08 inch (2.03 mm.);</li> <li>(ii) wheels up to 1 inch (25.4 mm.) in diameter and points mounted on a mandrel less than 0.093 inch (2.36 mm.) in diameter;</li> <li>(iii) metal strips less than 5/32 of an inch (3.97 mm.) in width coated with abrasive grain;</li> <li>(iv) flexible metal discs up to 3/4 of an inch (19.05 mm.) in diameter, coated on one side with abrasive grain.</li> </ul> </li> <li>(6) Grinding wheels of silicon carbide or aluminium oxide with all the following characteristics: <ul style="list-style-type: none"> <li>(i) rubber-bonded;</li> <li>(ii) V-edged;</li> <li>(iii) 1.5 mm. or less in thickness;</li> <li>(iv) grit size finer than 240.</li> </ul> </li> </ul>	
C-376	Air conditioning units (self-contained), with a capacity of over 8,000 British Thermal Units (2,000 kilocalories) per hour.	1375
C-380	Compressors and blowers, n.e.s. as follows: <ul style="list-style-type: none"> <li>(a) Compressors designed to operate with a delivery pressure exceeding 110 p.s.i. (7.7 kg. per sq. cm.) or with a capacity exceeding 250 cu. ft (7 cu.m.) free air delivered per minute;</li> <li>(b) Turbo-compressors or blowers capable of operating at either: <ul style="list-style-type: none"> <li>(1) speeds of 8,000 r.p.m. or over, or</li> <li>(2) with internal air flow at any point exceeding a Mach number of 0.7;</li> </ul> </li> <li>(c) Blowers capable of an overall compression ratio of 2:1 or more, coupled with a capacity of over 35,000 cu.ft. (991 cu.m.) per minute;</li> <li>(d) Compressors, n.e.s., and parts, regardless of delivery pressures and capacities, when fabricated of, or lined with, any corrosion-resistant material.</li> </ul>	1130 1380 C-380
	(See also item 1380 and International List Annex D item 30.)	

SECRET

SECRET

-13-

Item No.	Description	Source
<u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u>		
C-381	Portable hand-held power tools (pneumatic, electric and petrol operated) designed for the following uses: (a) Metal working; (b) Mining and quarrying; (c) Transportation and transportation-servicing (railroads, locomotives and rolling-stock, ships, planes and motor transport).	C-370
C-382	Jacks, 10-ton capacity and over.	C-374
C-383	Crushing equipment, as follows: (a) Crushers, grinders, and pulverizers (all types <u>except</u> for food processing); (b) Colloid mills.	3381
C-384	Conveyor belting.	3380
C-385	Core drills, and core drill bits, n.e.s. (See also items 1150 and 1386.)	1381 3150
C-386	All tools, n.e.s., including dies and slugs, incorporating diamonds. (NOTE: This item does not include diamond tools used in dentistry); (See also item 1386.)	1386
C-387	All articles incorporating diamond abrasives, n.e.s. (NOTE: This item does not include diamond tools used in dentistry); (See also item 1387)	1387
C-388	Dynamometers capable of absorbing more than 300 brake h.p.	1388
C-390	Graphite, as follows: (a) Graphite (artificial) and amorphous carbon ( <u>excluding</u> charcoal), in forms (including scrap) whose largest dimension exceeds 25 inches (635 mm.) or whose smallest dimension exceeds 2 inches (50 mm.), or whose weight exceeds 6 lbs. (2.7 kg.); (b) Powder (carbon only). (See also International List Annex D, item 34.)	1390

SECRET

SECRET

-14-

<u>Item No.</u>	<u>Description</u>	<u>Source</u>
<u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u>		
C-395	Precipitators (electrostatic), capable of removing 90 per cent or more (by blackness test) of all airborne particles down to sizes as small as 1/250,000 of an inch (0.0001 mm.); and specialised parts therefor.	1395

SECRET

SECRET

-15-

Item No.	Description	Source
<u>TRANSPORTATION EQUIPMENT (401-499 series)</u>		
<u>Vessels</u>		
C-401	Watercraft, n.e.s., and important components, n.e.s. (See also items 1401, 1405, 1410, 1415, 1416, 1417, 1425, 1441, 2401, 2405, 2415, 2416, 3416, 3441).	2260 2440 C-401
<u>Marine Equipment (except motors)</u>		
C-430	Steel cable, rope, strand or cord of all types, n.e.s., with or without a textile or fibre core. (See also items 1430 and 3430.)	3430 C-430
<u>Automotive Equipment (except tyres)</u>		
C-450	Motor vehicles and equipment as follows: (a) Motor vehicles (including tractors, trailers and motorcycles) n.e.s., <u>except</u> the following: scooters, tricycles under half-ton loading capacity; and private touring (pas- senger) cars designed or constructed to carry not more than 6 persons. (NOTE: The foregoing exclusion does not apply to the following, even if apparently designed or construct- ed to carry not more than 6 persons: crew cars (personnel carriers); station wagons; utilities; pick-ups; buses; kit cars); (b) Chassis, components, and parts, n.e.s.; (c) Servicing equipment and materials, n.e.s.  (See also items 1321, 1450 and 2450.)	1321 2326 3450 3451 C-450
<u>Railway Equipment</u>		
C-470	Locomotives and locomotive parts, as follows: General service (line), n.e.s., switching and industrial locomotives; mine locomotives (surface and underground) of all types and sizes; and parts specially designed for the above types of locomotives.  (See also items 1471 and 3470.)	2470 3470

SECRET



SECRET

-16-

Item No.	Description	Source
<u>TRANSPORTATION EQUIPMENT (continued)</u>		
C-471	Railway rolling stock, n.e.s., and parts therefor. (See also items 2479, 3472, 3474 and 3479.)	1480 3471 3475 C-471
C-472	Railway rails, n.e.s. (NOTE: This item covers transportation and industrial types only, including but not limited to general service railway rails, grooved rails, mine rails, and light-railway rails.) (See also item 3477.)	2495 3477
<u>Other Transportation Equipment</u>		
C-485	Steel castings and forgings for marine and railroad equipment.	3485

SECRET

SECRET

-17-

Item No.	Description	Source
<u>ELECTRONICS AND PRECISION INSTRUMENTS (501-599 series)</u>		
<u>Radio, Radar and Other Telecommunication Apparatus</u>		
C-501	Telecommunication equipment as follows:	C-501
	(a) Telecommunications cable, n.e.s.;	3525
	(b) Telegraphic equipment, n.e.s. (see also items 1519 and 3519);	3519
	(c) Telephone switchboards and other telephone instruments, n.e.s. ( <u>except</u> domestic telephone instruments);	
	(d) Radio transmitting apparatus and components therefor (including non-specialised components), n.e.s. (see also items 1517 and 3517);	2517
	(e) Radio communication receivers and components therefor (including non-specialised components), n.e.s., <u>except</u> domestic radio receivers. (NOTE: Export licences can be granted when small quantities of replacement parts for domestic radio receivers are involved and when, in accordance with the conditions and procedure of Document 782, the exporting country can justify that there is no doubt as to their <u>civilian</u> end-use). (NOTE: Non-specialised components in sub-items (d) and (e) include all types of electronic valves (tubes), capacitors, resistors, transformers, chokes, coils, antennae and power supplies, (see also items 1541, 1544, 1545, 1549, 1555, 1558, 1559, 3522, 3535 and 3544.))	1544 1552 1558 2522 2535 2544 2545 2546 3535
	(See also items 1501, 1502, 1507 and 1516.)	
C-502	Detection apparatus, as follows:	C-502
	(a) Ultrasonic detectors, n.e.s. (see also item 1510);	
	(b) Electrocardiographs ( <u>except</u> those being exported in small quantities, where the exporting authorities have made sure that the equipment is intended for medical purposes and report the exports in accordance with the "exceptions" procedure in paragraph 3 of Document 782).	

SECRET

SECRET

-18-

Item No.	Description	Source
<u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u>		
C-503	Ionosphere recording apparatus, fully automatic.	1505
C-504	Sub-miniature electronic circuit components, including those specially designed for, or intended for, medical hearing aids.	2521
C-505	Coaxial electric cable of all types, n.e.s., suitable for the transmission of frequencies of 100 or more kilocycles per second. (See also item 1525.)	3526
C-507	Photoelectric cells with a peak sensitivity at a wave length longer than 7,000 Angstrom units, n.e.s. (See also item 1548.)	1548
C-509	Radar and radio navigation equipment, including direction finders, n.e.s. (See also item 1509.)	1509 1512 1515
<u>OTHER ELECTRONICS AND PRECISION INSTRUMENTS</u>		
C-560	Balances of sensitivity of 0.01 milligram or better, n.e.s. (See also International List Annex D, item 32.)	1563
C-561	Bridges for measuring capacitance, impedance, inductance, and/or resistance - precision types. (See also items 1529 and 3529.)	3561
C-562	Cartographic instruments, as follows: (a) Map-making instruments for use with ground or air photographs; (b) Instruments for studying and interpreting air photographs.	C-562
C-563	Electric or electronic impulse registers or counters designed to operate at over 20 counts per second.	2570
C-564	Electronic heating instruments used in the metallurgical industry, n.e.s.	C-572

SECRET

SECRET

-19-

Item No.	Description	Source
<u>ELECTRONICS AND PRECISION INSTRUMENTS (continued)</u>		
C-565	<p>Geophysical prospecting equipment, as follows:</p> <ul style="list-style-type: none"> <li>(a) Seismometers;</li> <li>(b) Gravimeters;</li> <li>(c) Complete seismic exploration recording equipment, portable or designed for truck mounting; and the following units when specifically designed and/or designated therefor: <ul style="list-style-type: none"> <li>(1) Amplifiers with automatic volume control;</li> <li>(2) Variable filters;</li> <li>(3) Synchronized timing-photographic recording equipment (including recording oscillographs); and parts specifically designed therefor;</li> <li>(4) Geophones; and parts specifically designed therefor;</li> <li>(5) Electromagnetically-damped galvanometers;</li> <li>(6) Equipment for surface shooting, employing shaped charges;</li> </ul> </li> <li>(d) Electronic or fluxgate magnetometers, n.e.s. (including airborne magnetometers).</li> </ul> <p>(See also item 1571.)</p>	1571
C-566	Measuring and testing instruments for use in engineering workshops, n.e.s.	C-563
C-567	<p>Metallurgical microscopes, n.e.s., or devices (illuminators) specially designed or adapted for attachment to any other microscope, for the purpose of examination of opaque specimens, whether or not in combination with a camera (metallograph).</p> <p>(See also item 1579.)</p>	1579
C-568	<p>pH meters, n.e.s.; and components thereof, as follows: electrodes, amplifiers, indicators, recorders and controllers specially adjusted or calibrated for pH measurements.</p> <p>(See also item 2580.)</p>	2580 3581
C-569	<p>Optical curve generators (grinders, surfacers, and polishers) and parts, n.e.s., capable of producing: toric, cylinder, or spherical surfaces on glass or other material without the use of mating surfaces or laps.</p> <p>(See also item 1582.)</p>	1582
C-570	<p>Oscilloscopes (cathode-ray) with time bases shorter than 2 micro-seconds, n.e.s.; and specialised parts therefor.</p> <p>(See also item 1584.)</p>	1584

SECRET

SECRET

--20--

Item No.	Description	Source
<u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u>		
C-571	Precision, scientific, and optical instruments, n.e.s., capable of being used in the development, production and testing of military equipment.  (See also 501-599 series in International Lists I, II, III)	C-571
C-572	Pyrometers, as follows: (a) Optical pyrometers - disappearing-filament types; (b) Radiation type pyrometers with sensitive receiver consisting of either a thermocouple (with or without protecting tube) or a "sighting" device whereby heat is focused on a thermopile by a lens or a mirror; (c) Parts for the above optical and radiation-type pyrometers, as follows: (1) thermocouples (except those specified in item C-620 (c)); (2) inconel protecting sheaths of impervious mullite or recrystallised alumina	1586
C-573	Quartz crystals and plates, n.e.s.  (See also item 1587.)	1587
C-574	Spectrographs, spectrometers, and monochrometers, as follows: (a) Grating types, n.e.s., with, or designed for use with diffraction gratings (originals or replicas, plane or concave); and gratings therefor; (b) Prism types, n.e.s.: (1) capable of a spectrum length of 20 cms. between 9,000 and 2,000 Angstrom units, or (2) designed for use with prisms having refracting face 35 mm. or more in width; (c) Infra-reds types, n.e.s., having, when of prism pattern, an effective total prism base length over 2 inches (5 cm.)  (See also item 1591.)	1591
C-575	Surveying instruments, as follows: (a) Base line equipment; (b) Geodetic theodolites (first order instruments); (c) Precise theodolites having an accuracy better than 4 sexagesimal seconds by direct reading; (d) Theodolites, tachometers and transits with a telescope magnification of x15 or higher and reading direct to 1 sexagesimal minute or better; (e) Precise levels for first-order work; (f) Surveyors' and engineers' telescopic levels having telescope magnification of x15 or higher and an object glass aperture 1.2 inches (30 mm.) or larger.	C-570

SECRET

-21-

Item No.	Description	Source
<u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u>		
C-576	Telescopes and binoculars ( <u>except</u> opera glasses having no prisms and magnification less than x3 1/2).	C-561
C-577	Voltmeters, ammeters, and microammeters, n.e.s., (including portable test type) - precision indicating types, with an accuracy of 0.5 per cent of full scale deflection. (See also item 1594.)	3580
C-578	Warburg apparatus for the examination of living tissue.	1596
C-579	X-ray tubes 1,000 P.K.V. and over.	1599
C-580	Absorption meters, infra red.	1561
C-581	Densitometers measuring directly by photo-multiplier tube. (See also item 1591(d).)	1567
C-582	Electrometers ( <u>except</u> student type), n.o.s. (See also International List, Annex D, item 20(c).)	1569
C-583	Leak-detecting instruments (instruments capable of detecting small leaks of gases under high vacuum or high pressure), n.e.s. (See also International List Annex D, item 25.)	1575
C-584	Micro-hardness testers.	1578
C-585	Oscillographs, recording. (See also item 1584.)	1583
C-586	Strain gauge equipment, electric recording; and specialised parts therefor.	1592

SECRET

SECRET

-22-

Item No.	Description	Source
<u>METALS, MINERALS AND THEIR MANUFACTURES (601-699 series)</u>		
<u>Metal and Mineral Manufactures</u>		
C-601	Anti-friction bearings and parts, n.e.s., (except : (i) "Low quality balls" as described in Interpretative Note No. 2 in International List Annex B; (ii) Unground steel ball bearings other than those made of low carbon (normal carbon) steel). (See also items 1610, 2601 and 3601.)	1601 2601
C-605	Transformer and choke laminations and core assemblies, n.e.s., made of the following materials: (a) Nickel and nickel base alloys; (b) Electrical steel sheet or strip with a core loss of 0.59 watts per lb. (1.3 watts per kg.) or less at 10,000 gaussess and 50 cycles per second and with a thickness of 0.02 inch (0.5 mm.) or less (see also item 1631).	1661 1631 2630
C-610	Flexible metal tubing, n.e.s.,	C-610
C-616	Barbed wire.	C-616
C-617	Single or multicore electric power cables insulated with paper and metal sheathed, with or without armour and/or serving, n.e.s.	C-650
C-620	Platinum products, as follows: (a) Gauzes manufactured from platinum or platinum alloys of 1024 mesh (squares) per sq. cm. or finer; (b) Wire of platinum, rhodium platinum, or iridium platinum of a thickness of 0.5 mm. or less; (c) Thermocouples manufactured from platinum or platinum alloys; (d) Platinum tubing (including such tubing with bonded cores, linings, or sheaths of other metals or substances) (see also item 1658 (c)).	1620   2610
C-625	Tinplate.	3625

SECRET

SECRET

-23-

Item No.	Description	Source
<u>METALS, MINERALS AND THEIR MANUFACTURES (continued)</u>		
<u>Basic Metals and Mill Products</u>		
C-630	Aluminium or aluminium alloys in semi-fabricated forms, n.e.s. as follows: (a) Wrought or worked material fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomizing and powder metallurgy; (b) Cast material produced by casting in sand, die, metal or plaster moulds. (NOTE: This item excludes coverage of aluminium foil for wrapping purposes, provided that the foil is either: (i) Embossed, printed or lacquered in sheets or coils; or (ii) Plain sheets - with or without paper backing - the largest dimension of which does not exceed 8 inches (20 cm.) (See also items 1636 and 2635.)	2635
C-635	Iron and steel products, as follows: (a) Pig-iron and ingot steel; (b) Semi-finished and finished iron and steel, n.e.s., including alloy steel (e.g., ingots, castings, billets, pipes, tubes, plates, angles and girders); (c) Iron and iron alloy powder of grain sizes less than 0.03 mm., <u>except</u> carbonyl iron powder covered by item 1605. (See also items 1154, 1630, 1631, 1635, 2154, 2636, 3154 and 3636.)	1631 1635 2610 2630 3610 3630 C-635 1605
C-640	Antimony, n.e.s., as follows: (a) Concentrates; (b) Metal; (c) Compounds ( <u>excluding</u> medicinals). (See also item 3650.)	3635
C-641	Cadmium.	1645
C-642	Calcium metal.	1646
C-643	Ferro-chrome (low carbon) containing a maximum of 0.2 per cent carbon, n.e.s. (See also item 3640.)	2640

SECRET



SECRET

-24-

Item No.	Description	Source
<u>METALS, MINERALS AND THEIR MANUFACTURES (continued)</u>		
C-650	Lead, in semi-fabricated and other such forms, n.e.s., including but not limited to the following: sheet, strip, plate, pipe and tubing. (See also item 3650.)	3650
C-651	Lithium. (See also International List Annex D, item 35.)	3651
C-655	Mercury and its compounds, n.e.s., (See also item 1655.)	3655
C-658	Molybdenum compounds, n.e.s., (See also items 1658 and C-704.)	1658
C-660	Nickel catalysts. (See also item 1661.)	1661
C-661	Potassium metal.	3660
C-662	Sodium (metallic).	1666
C-663	Strontium, as follows: (a) Ores and concentrates; (b) Metal; (c) Compounds.	1667
C-664	Sulphur bearing pyrites ( <u>i.e.</u> , iron pyrites and copper pyrites).	3663
C-665	Tin. (NOTE: Recognised as presenting special problems.)	3665
C-666	Ferro-Titanium.	2666
C-667	Tungsten, as follows: (a) Metal and alloys, including carbides, n.e.s. (see item 1668); (b) Ferro-tungsten; (c) Compounds (see also item C-704).	2667
C-668	Vanadium, as follows: (a) Ores, concentrates and flue dust; (b) Scrap; (c) Metal and vanadium-base alloys (including ferro-vanadium).	1675

SECRET

SECRET

-25-

Item No.	Description	Source
<u>METALS, MINERALS AND THEIR MANUFACTURES (continued)</u>		
C-669	Zinc, as follows: (a) Pigs, slabs; (b) Granulated; (c) Die-casting alloys; (d) All other forms ( <u>except</u> manufactures).	3670
C-670	Zirconium, n.e.s., as follows (a) Metal and alloys (including ferro-zirconium); (b) Compounds; (c) Seamless pipe and tubing. (See also International List Annex D, item S.)	1679

Minerals

C-680	Raw and manufactured asbestos, n.e.s. ( <u>except</u> the following: Asbestos cement products; filter asbestos; asbestos jointing and packing).	1680 3680 C-680
C-685	Mica (strategic grades), as follows: Block (good stained or better), film and muscovite splittings, and phlogopite splittings which conform to the American Society of Testing Materials standards or to India-Calcutta standards.	1691
C-690	Steatite (talc), as follows: (a) Machinable grade, block or lump, containing not over 1.5 per cent iron (Fe) in the form of iron oxide and not over 0.5 per cent lime (CaO); (b) Non-machinable grade or in ground form, containing not over 1.5 per cent iron (Fe) in the form of iron oxide and not over 0.5 per cent lime (CaO).	3690

SECRET

SECRET

-26-

Item No.	Description	Source
<u>CHEMICALS AND PETROLEUM PRODUCTS (701-799 series)</u>		
(See also "Metals, Minerals and their Manufactures" for some metal chemical compounds.)		
<u>A. CHEMICALS (701-767 sub-series)</u>		
C-701	Explosives, n.e.s. (See also International List Annex C, item 8.)	2742 3701
C-702	Flotation reagents, synthetic organic, as follows: (a) Sodium and/or potassium alkylxanthates; (b) Acetates of dodecylamine, and its higher homologues and mixtures thereof; (c) Acetates of amines derived from natural fatty acids, whether hydrogenated or not; (d) Dialkyl - or diaryl - dithiophosphoric acids; and their sodium, potassium, and ammonium salts; (e) Quaternary trimethylammonium chloride from amines prepared from soya bean fatty acids.	2701
C-703	Ships' bottom compositions : anti-corrosive and anti-fouling.	3702
C-704	Metallo-organic artificial colouring matters of cobalt, molybdenum or tungsten, n.e.s. (See also item 1658(d).)	3703
C-705	Hydraulic fluids or oils, castor oil base. (NOTE: See items 1702 and 1793 for other hydraulic fluids).	3705
C-706	Rubber-compounding agents, as follows: (a) Anti oxidants; (b) Non-mineral accelerators. (NOTE: For list of rubber-compounding agents, see Interpretative Note No.2 in Consolidated China Special List Annex A).	1704
C-710	Acetic acid and acetic anhydride.	3709 3710

SECRET

SECRET

-27-

Item No.	Description	Source
<u>CHEMICAL AND PETROLEUM PRODUCTS (continued)</u>		
<u>A. CHEMICALS (continued)</u>		
C-711	Acetone.	3711
C-712	Aluminium chloride (anhydrous).	1710
C-713	Aniline.	3712
C-714	Barium chromate.	1713
C-715	Benzene or benzole.	3714
C-716	Bismuth compounds, including but not limited to those used in medicinal compounds. (NOTE: This does not include medicinal preparations themselves which are mixtures containing other substances of therapeutic value. An illustrative listing of bismuth compounds is contained in Interpretative Note No.3 in Consolidated China Special List Annex A).	2715
C-717	Calcium carbide.	3718
C-718	Carbon black, n.e.s. (See also item 3716.)	1716
C-719	Cellulose, ethyl.	1717
C-720	Cellulose nitrate containing not more than 12.3 per cent nitrogen.	2719 3719
C-721	Chlorates; and preparations consisting mainly thereof.	3721
C-722	Chromium compounds, as follows: (a) Sodium dichromate and chromate; (b) Potassium dichromate and chromate; (c) Chromic acid; (d) Chrome oxide green; (e) Zinc chromate.	3722
C-723	Cresylic acid including para- meta- and ortho-cresol and xyleneol.	C-750

SECRET

SECRET

-28-

Item No.	Description	Source
<u>CHEMICAL AND PETROLEUM PRODUCTS (continued)</u>		
<u>A. CHEMICALS (continued)</u>		
C-724	1:2 Dibromoethane (ethylene dibromide).	1719
C-725	NN-Diethylaniline.	2725
C-727	Fluorinated hydrocarbons, as follows: (a) Tetrachlorodifluoroethane; (b) Tetrafluoromethane; (c) Monobromomonochlorodifluoromethane; (d) Dibromomonochlorotrifluoroethane; (e) Dibromotetrafluoroethane; (f) Monochloropentafluoroethane; (g) Octafluorocyclobutane.  (See also item 3720 and International List Annex D, item 17.)	3720
C-728	Formaldehyde (in solution or polymerized).	3730
C-729	Glycols and their derivatives, as follows: (a) Diethylene glycol (di-2-hydroxyethyl ether); and mixtures consisting mainly thereof; (b) Diethylene glycol dinitrate; and mixtures consisting mainly thereof; (c) Polypropylene glycol.  (See also item 1727.)	1727  2727
C-730	Glycerine.	3733
C-731	Hydroquinone.	2731
C-732	Iso-propylalcohol.	3739
C-733	Methanol.	3745
C-734	Methyl-isobutylketone.	1737
C-735	Methyl methacrylates, n.e.s., as follows: (a) Methyl methacrylate monomer, with or without the addition of stabilizers, packed in bulk containers of 10 gallons (45 litres) or more; (b) Methyl methacrylate resins in the form of sheet, n.e.s. (including sheet shaped into any other form readily convertible into sheets) rods, blocks, bars, tubes, moulding powders, scrap, and prism blanks or ground prisms suitable for optical use, <u>except</u> corrugated or fluorescent sheet and any of the above forms which are opaque (NOTE: As a practical test of opacity for this purpose, the material is not considered opaque if, in a thickness of 1/8 inch, type-script can be read when placed one inch behind the material. The opacity must not be due to surface coloration or applique.)  (See also item 1738.)	2737 3737

SECRET

SECRET

-29-

Item No.	Description	Source
<u>CHEMICALS AND PETROLEUM PRODUCTS (continued)</u>		
<u>A. CHEMICALS (continued)</u>		
C-736	Monochlorobenzene; mononitrobenzene.	1739 3748
C-737	Nitric acid; ammonium nitrate; potassium nitrate. (See also International List Annex C, item 8 (b).)	2741
C-738	Paraffin wax; petroloum jelly.	C-790
C-739	p-aminophenol and salts.	3746
C-740	p-phenylenediamine.	3747
C-741	Perchloric acid; and its salts.	3751
C-742	Permanganates : calcium and potassium.	1745
C-743	Persulphates : sodium, potassium and ammonium.	3749
C-744	Phosphorus, all kinds.	2752
C-745	Phosphoric acid catalyst (Victor).	1747
C-746	Phthalic anhydride; and phthalic esters ( <u>except</u> alkyd resins).	3754
C-747	Polyisobutylene.	2754
C-751	Silicon (e) organic compounds, n.e.s. as follows: (a) Silicon (e) high vacuum grease; (b) Silicon (e) stopcock grease, high vacuum or regular. (See also items 1755 and 3755.)	1755
C-752	Sodium cyanide (chemical grades).	2757

SECRET

SECRET

-30-

Item No.	Description	Source
<u>CHEMICALS AND PETROLEUM PRODUCTS (continued)</u>		
<u>A. CHEMICALS (continued)</u>		
C-753	Sulphuric acid : 93 per cent H <sup>2</sup> SO <sup>4</sup> and stronger, including oleum (fuming sulphuric acid).	2762
C-754	Styrene (monomer); dichlorostyrene (monomer); polydichlorostyrene and its moulding powders, sheets, rods, and tubes.	1758
C-755	Thallium bromiodide.	1760
C-756	Tricresyl phosphate.	3758
C-757	Vanadium compounds (including catalysts).	1766 3763
C-758	Vinyl; and vinylidene resins, n.e.s., moulding powders, sheets, rods, and tubes. (See also item 3766.)	3766
<u>B. PETROLEUM PRODUCTS (768-799 sub-series)</u>		
<u>Crude; Fuels; Lubricants</u>		
C-770	Naphtha mineral spirits and solvents (including coal tar naphtha).	3770
C-771	Petroleum asphalt.	3771
<u>Additives, Blending Agents, etc.</u>		
C-787	Liquid gum inhibitors.	1787
C-788	Coke, and coke flour, derived from: (a) Petroleum; or (b) Coal tar pitch.	1796

SECRET

SECRET

-31-

Item No.	Description	Source
<u>RUBBER AND RUBBER PRODUCTS (801-899 series)</u>		
<u>Rubber and Rubber Compounds</u>		
C-801	Synthetic rubbers, n.e.s., as follows: (a) Neoprene; (b) N-type (Nitrile). (See also item 1801.)	1801
C-802	Rubber solution, n.e.s.	C-801
C-803	Masterbatch (i.e., unvulcanized compounds or mixtures of natural and/or synthetic rubbers with carbon black and/or other rubber compounding agents).	1802
C-805	Rubber scrap.	C-840
<u>Tyres and Tubes</u>		
C-820	Tyres and tubes, n.e.s. (except those for scooters and pedal cycles). (See also item 1820.)	1820 1821 1822 2820 2821 3820 C-820
<u>Other Rubber Products</u>		
C-840	Water-lubricated bearings, n.e.s. (See also item 1840.)	1840
C-841	Rubber hose and tubing made from neoprene and N-types rubbers only with 1/2 inch (13 mm.) inner diameter and over.	3840

SECRET



SECRET

-32-

Item No.	Description	Source
<u>MISCELLANEOUS (901-999 series)</u>		
C-901	Abaca and sisal : Fibres and cordage (yarn, twine, cord, rope).	3901
C-905	Asbestos textiles and yarn.	3910
C-910	Raw optical glass in the mass (tinted or untinted), as follows: (a) Blocks, plates (slabs), pressings and moulds (other than rough-moulded lenses and prisms) with a unit weight of less than 1.0 kg; (b) Rough-moulded lenses with a unit weight of less than 0.5 kg. but more than 0.2 kg; (c) Rough-moulded prisms with a unit weight of less than 0.5 kg. (See also item 1910.)	2910(a) 3909 2910(b) 2910(c)
C-920	Photo-plan printing machines, non-optical.	C-910
C-930	Nylon products, as follows: (a) Nylon rope; (b) Nylon parachute cloth, n.e.s. (see item 1930.)	3930

SECRET

SECRET

-33-

LIST ANNEX A - INTERPRETATIVE NOTE NO.1

Corrosion-Resistant Materials  
(Chemical Equipment Category)

As used in various chemical equipment items on the Lists, the term "corrosion-resistant materials" means:

- (1) Metals or alloys containing any of the following:
  - (a) 10 per cent or more chromium and/or nickel and/or silicon;
  - (b) 75 per cent or more copper;
  - (c) 85 per cent or more aluminium; or
  - (d) 90 per cent or more zinc, tin, cadmium, indium, lead silver, titanium, molybdenum, tantalum or zirconium, either separately or combined.
- (2) Glass; ceramics; carbon; graphite; or other non-metallic materials of mineral origin.
- (3) Rubber (natural or synthetic); plastics; or synthetic resins.
- (4) Any other newly-developed corrosion-resistant materials.

SECRET

SECRET

-34-

## LIST ANNEX A - INTERPRETATIVE NOTE No.2

Rubber-Compounding Agents

The following list of chemicals is intended to be covered by item C-706 as anti-oxidant or accelerator rubber-compounding agents:

I. Anti-Oxidants

## A. Aldehyde- and acetone-amines:

1. Acetaldehyde-aniline-hydrochloride.
2. p-Aminodiphenyl-acetone.
3. Aniline-acetone, acid derivatives.
4. Butyraldehyde-aniline.
5. Crotonilidene-A-naphthylamine.
6. Diphenylamine-acetone.
7. Phenyl-B-naphthylamine-acetone.

## B. Amino or hydroxy compounds:

1. Alkylated diphenylamine.
2. p-tert-Butyl-m-cresol sulphide.
3. 2:4-Diaminodiphenylamine.
4. p-p'-Diaminodiphenylmethane.
5. 2:5-Di-tert-arylhydroquinone.
6. B-Di-p-hydroxyphenylpropane.
7. 2:5-Di-tert-butylhydroquinone.
8. Di-isobutyl cresol.
9. p,p'-Dinethoxydiphenylamine
10. N,N'-Di-B-naphthol-p-phenylenediamine.
11. N,N'-Diphenylethylenediamine.
12. N,N'-Diphenyl-p-phenylenediamine.
13. N,N'-Diphenylpropylenediamine.
14. Di-o-tolylothylenediamine.
15. Hydroquinone monobenzyl ether.
16. p-Hydroxydiphenylamine.
17. p-Hydroxy-N-phenylmorpholine.
18. p-Isopropoxydiphenylamine.
19. Phenyl-A-naphthylamine.
20. Phenyl-B-naphthylamine.
21. p-(p-Toluenesulphonamino) diphenylamine.
22. o-Tolyl-B-naphthylamine.

## C. Guanidines:

1. Dicatechol borate, di-o-tolylguanidine salt.

## D. Miscellaneous:

1. Dicrosyl disulphide.
2. Dicrosyl monosulphide.
3. Diphenylnitrosamine.
4. 2:2:4-Trimethyldihydroquinoline.
5. Triphenyl phosphite.
6. Methyl ethyl ketoxime.

SECRET

## LIST ANNEX A - INTERPRETATIVE NOTE No.2 (Continued)

Rubber-Compounding Agents

## II. Accelerators (Non-mineral)

## A. Aldehyde-amines:

1. Acetaldehyde-anilino.
2. Butyraldehyde-N-butyraldehyde ammonia.
3. N-Butyraldehyde-anilino.
4. A-Ethyl-B-propyl acryl anilino.
5. Formaldehyde-aniline (Methylene-anilino).
6. Formaldehyde-p-toluidine (Methylene-p-toluidine).
7. Heptaldehyde-aniline.
8. Triethyltrimethylenetriamino.

## B. Dithiocarbamates:

1. Carbon disulphide-methylenodipiperidino.
2. Dibenzyl dithiocarbamic acid, zinc salt.
3. Dimethyl ethylenodiphenyl dithiocarbamic acid, lead salt.
4. 2:4-Dinitrophenyl dimethyl dithiocarbamate.
5. Diphenylguanidino salt of dibutyl dithiocarbamic acid.
6. Modified dithiocarbamate.
7. Piperidinium pentamethylene dithiocarbamate.
8. Piperidinium pentamethylene dithiocarbamic acid, potassium salt.
9. Anyl ammonium dimethyl dithiocarbamic acid, zinc salt.
10. Dibutyl dithiocarbamic acid, sodium salt.
11. Dibutyl dithiocarbamic acid, zinc salt.
12. Diethyl dithiocarbamic acid, copper salt.
13. Diethyl dithiocarbamic acid, selenium salt.
14. Diethyl dithiocarbamic acid, tellurium salt.
15. Diethyl dithiocarbamic acid, zinc salt.
16. Dimethyl dithiocarbamic acid, copper salt.
17. Dimethyl dithiocarbamic acid, lead salt.
18. Ethylene bis-(β-cyano ethyl dithiocarbamic acid), zinc salt.

## C. Guanidines:

1. Diphenylguanidino.
2. Diphenylguanidino acetate.
3. Diphenylguanidino phthalate.
4. Di-o-tolylguanidino.
5. Triphenylguanidino.

## D. Thiazole derivatives:

1. Alkyl mercaptothiazole.
2. 2-(Benzoylthio) benzothiazole.
3. Bis-N,N'-(2-benzothiazylthiomethyl)urea.
4. N-Cyclohexyl-2-benzothiazole sulphonamide.
5. 2-(2':4'-Dinitrophenylthio) benzothiazole.
6. Disulphide alkylated 2-mercaptothiazole.
7. 2:2'-Dithiobisbenzothiazole (2:2'-Benzothiazyl disulphide).
8. N-Isopropyl-2-benzothiazole sulphonamide.
9. 2-Mercaptobenzothiazole.
10. 2-Mercaptobenzothiazole, copper salt.
11. 2-Mercaptobenzothiazole, sodium salt.
12. 2-Mercaptobenzothiazole, zinc salt.
13. 2-Mercaptobenzothiazole-formaldehyde-cresylic acid-hexamethylenetetramine.
14. 2-Mercaptobenzothiazole-methylene-anilino.
15. 2-Mercaptothiazoline.

SECRET

-36-

LIST ANNEX A - INTERPRETATIVE NOTE No.2 (continued)

Rubber-Compounding Agents

II. Accelerators (Non-mineral) (continued)

E. Thiurams:

1. Di-N pentamethylene thiuram tetrasulphide.
2. Mixed methyl ethyl thiuram disulphide.
3. Tetrabutyl thiuram monosulphide.
4. Tetraethyl thiuram disulphide.
5. Tetramethyl thiuram disulphide.
6. Tetramethyl thiuram monosulphide.
7. Tetramethyl thiuram tetrasulphide.

F. Xanthates:

1. Di-N-butyl xanthodisulphide.
2. Di-isopropyl xanthodisulphide.
3. Sodium isopropyl xanthate.
4. Zinc butyl xanthate

G. Miscellaneous:

1. Dibenzylamine.
2. p-Quinone dioxime dibenzoate.
3. Diethylthiourea.

SECRET

SECRET

-37-

## LIST ANNEX A - INTERPRETATIVE NOTE NO.3

Bismuth Compounds

The following is an illustrative listing of some bismuth compounds included in the coverage of item C-716:

1. Bismuth-albuminate (bismuthose).
2. -ammonium citrate.
3. -bisalicylate.
4. -bitannate.
5. -bromide.
6. -cerium oxalate.
7. -cerium salicylate.
8. -cerium valerate.
9. -citrate.
10. -dithiosalicylate.
11. -formic-iodide.
12. -iodate.
13. -lactate.
14. -nitrate.
15. -oleate.
16. -oxybromide.
17. -oxychloride.
18. -oxyiodide.
19. -oxyiodogallate.
20. -nucleinate.
21. -permanganate.
22. -phenate.
23. -phenolsulphonate.
24. -phosphate.
25. -potassium iodide.
26. -pyrogallate.
27. -sodium-iodide.
28. -sodium pyrophosphate.
29. -sodium salicylate.
30. -sodium tartrate.
31. -subbenzoate.
32. -subcarbonate.
33. -subgallate.
34. -subnitrate.
35. -subsaliolate.
36. -sulphate.
37. -tribromophenate.
38. -trioxide.
39. -valeriate.