



**BUREAU
VERITAS**

List of ECHA Candidates

	Substance name	EC Number	CAS Number	Remarks & additional information (examples)
1	4,4' Methylendianiline	202-974-4	101-77-9	Raw material to produce methylenediphenyl diisocyanate for PUR (main application). Hardener in epoxy resins, adhesives
2	Bis(tributyltin) oxide, (TBTO)	200-268-0	56-35-9	Biocide in anti-fouling paint and other biocide uses, also for industrial use
3	Benzylbutylphthalate (BBP)	201-622-7	85-68-7	Plasticizer (mainly for PVC), adhesives, inks, lacquers, small use in package, cosmetics
4	Anthracene	204-371-1	120-12-7	From coal tar distillation. Raw material for other synthesis
5	Triethyl arsenate	457-700-2	15606-95-8	Wood preservation (phased out), pesticide, glass goods, E&E products, PVC
6	Hexabromocyclododecane, (HBCDD)	247-148-4	25637-99-4	Flame retardant (mainly in PS). In constructions, buildings also in flame-retard textiles and E&E products
7	5-tert-butyl-2,4,6-trinitro-m-xylene	201-329-4	81-15-2	Cosmetics
8	Alkanes, C10-13, Chloro (Short chain chlorinated paraffins)	287-476-5	85535-84-8	Metal working lubricants, fat liquoring of leather, Flame retardant in textiles, rubber, paint, sealants, adhesives
9	Cobalt(2+) dichloride	231-589-4	7646-79-9	Absorber for gases, humidity indicator (e.g., silica gels), to produce vitamin B12, dye mordant for glass industry, solid lubricant, catalyst, invisible inks, drying agent, production of non-ferrous metals, electroplating, additive in rubber production.
10	Sodium dichromate, dihydrate	234-190-3	7789-12-0	Production of other Cr-product as chromate pigments, use for paints and plastic coloration, corrosive protection for metals, in vitamin K production, preparation of colored glass and ceramic glazes, in wood preparation, in production of essential oils and perfumes
11	Di(2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	Plasticizer in resins and polymers (mainly PVC)
12	Lead hydrogen arsenate	232-064-2	7784-40-9	Wood preservation (phased out), pesticide, glass goods, E&E products, PVC
13	Diarsenicpentoxide	215-116-9	1303-28-2	Dying industry, metallurgy (harden copper, lead, gold), special glasses, wood preservation
14	Diarsenic trioxide	215-481-4	1327-53-3	Decolorizing agent for glass and enamels, application in glass and lead glass industry, wood preservation, to produce other As chemicals
15	Dibutylphthalate	201-557-4	84-74-2	Plasticizer in resins and polymers (mainly PVC) Also used in printing inks, adhesives (e.g. paper, package), sealant/grouting agents, nitrocellulose paints, film coatings, glass fibers, and consumer products
16	2,4-Dinitrotoluene	204-450-0	121-14-2	Used as intermediate in the production of TDI, which is used to produce Polyurethane. Gelatinizing-plasticizing agent. Automotive airbags. Intermediate for Azo dyes



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17	<i>Anthracene oil</i>	292-602-7	90640-80-5	<p><i>These Anthracene oils consist of PAH. It is mainly used as an intermediate to produce pure Anthracene which is used to produce dyes. Also used in carbon black, pharmaceuticals, wood preservative, waterproof membranes for roofing, asphalt, industrial viscosity modifiers</i></p>
18	<i>Anthracene oil fraction (a complex combination of the distillation of anthracene)</i>	295-278-5	91995-17-4	
19	<i>Anthracene oil, Anthracene paste, Anthracene fraction</i>	295-275-9	91995-15-2	
20	<i>Anthracene oil, anthracene-low</i>	292-604-8	90640-82-7	
21	<i>Anthracene oil, Anthracene paste</i>	292-603-2	90640-81-6	
22	<i>Diisobutyl phthalate (DIBP)</i>	201-553-2	84-69-5	<i>Plasticizer in several consumer products (e.g. crayons, bar ends of run bikes, erasers, toys, perfumes)</i>
23	<i>Aluminosilicate, Refractory Ceramic Fibres</i>	650-017-00-8*		<i>Aluminosilicate Refractory Ceramic Fibers are a special category of synthetic vitreous fibers, commonly known as man-made vitreous fibers. May be used in electrical and domestic appliances, like glass ceramic hobs, electric ovens and grills, microwaves, gas-fired apparatus. Also in fire protection windows and doors, motor construction</i>
24	<i>Zirconia Aluminosilicate, Refractory Ceramic Fibres</i>	650-017-00-8*		<i>Zirconia Aluminosilicate Refractory Ceramic Fibers are a special category of synthetic vitreous fibers, commonly known as man-made vitreous fibers. May be used in electrical and domestic appliances, like glass ceramic hobs, electric ovens and grills, microwaves, gas-fired apparatus. Also in fire protection windows and doors, motor construction</i>
25	<i>Lead chromate</i>	231-846-0	7758-97-6	<i>Basis for lead chromate pigments (e.g. C.I. Pigment Red 104 and C.I. Pigment Yellow 34). Lead chromate based paints are used in paints for their corrosive protections properties and bright colors.</i>
26	<i>Lead chromate molybdate sulfate red (C.I. Pigment Red 104)</i>	235-759-9	12656-85-8	<i>C.I. Pigment Red 104 is a colorant based on lead chromate and used i.e. as pigment in plastic coloring, as well as industrial paint. Also reported are textile printing, leather finishing, some printing inks.</i>
27	<i>Lead sulfochromate yellow (C.I. Pigment Yellow 34)</i>	215-693-7	1344-37-2	<i>C.I. Pigment Yellow 34 is a colorant based on lead chromate and used i.e. as pigment in plastic coloring, as well as industrial paint.</i>

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	Substance name	EC Number	CAS Number	Remarks & additional information (examples)
28	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	Used as flame retardant. (Historical use in Polyurethane foam in EU).
29	Coal tar pitch, high temperature	266-028-2	65996-93-2	Coal tar pitch is a residue from distillation of coal tar containing various aromatic compounds. Used as coal substitute in steel industry, coke making process, production of carbon black
30	Acrylamide	201-173-7	79-06-1	Intermediate in polyacrylamide production
31	Trichloroethylene	201-167-4	79-01-6	Cleaning and degreasing of metal parts, used in adhesives, chemical intermediates, in leather and textile processing industries and in paints, lacquers and varnishes industry.
32	Boric acid	233-139-2; 234-343-4	10043-35-3; 11113-50-1	In biocides and preservatives, personal care products, disinfectants, preservatives in wood, textile, paper, leather, rubber, polymers, additives in several products like dental products, food, glass, ceramics, rubber, fertilizers, flame retardants, paints, industrial fluids, brake fluids, soldering products, film developers.
33	Disodium tetraborate, anhydrous	215-540-4	1330-43-4; 12179-04-3; 1303-96-4	In glass and glass fibers, ceramics, detergents and cleaners, metallurgy, flame retardants
34	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	In glass and glass fibers, ceramics, detergents and cleaners, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers.
35	Sodium chromate	231-889-5	7775-11-3	Steel and alloy industry, leather and textile industry, laboratory (analytical agent), Manufacture of other chromium compounds
36	Potassium chromate	232-140-5	7789-00-6	Treatment and coating of metals, Manufacture of reagents and chemicals, Manufacture of textiles, Coloring agent in ceramics, Tanning and dressing of leather, Manufacture of pigments/inks, Laboratory (analytical reagent), Pyrotechnics
37	Ammonium dichromate	232-143-1	7789-09-5	Oxidizing agent, Laboratory (analytical agent), Tanning of leather, Manufacture of textiles, Manufacture of photosensitive screens (cathode ray tubes), Metal treatment
38	Potassium dichromate	231-906-6	7778-50-9	Chrome metal manufacturing, Treatment and coating of metals, Manufacture of reagents and chemicals, Laboratory (analytical agent), Cleaning of laboratory glassware, Tanning of leather, Manufacture of textiles, Photolithography, Wood treatment, Corrosion inhibitor in cooling systems

* Index number in Annex VI of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

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