

SVHC Candidate List Now Includes 191 Substances

On June 27th, 2018 the European Chemical Agency (ECHA) expanded the candidate list of Substances of Very High Concern (SVHC) to 191 with ten new substances incorporated.

Legal obligations have to be borne by the suppliers of imported or manufactured articles which contain any such substances in the list with a concentration exceeding 0.1% (w/w). Related parties through the supply chains, such as manufacturers, distributors, and consumers should be adequately informed as well.

The below table shows the properties of these new SVHC substances:

#	Substance	EC No.	CAS No.	Reason(s) for inclusion [#]	Application(s)
1	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	PBT and vPvB	<ul style="list-style-type: none"> - Washing and cleaning products - Polishes and waxes - Cosmetics and personal care products
2	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	PBT and vPvB	<ul style="list-style-type: none"> - Washing and cleaning products - Polishes and waxes - Cosmetics and personal care products - Treatment in textile and dyes
3	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	PBT and vPvB	<ul style="list-style-type: none"> - Washing and cleaning products - Polishes and waxes - Cosmetics and personal care products
4	Lead	231-100-4	7439-92-1	Toxic for reproduction	<ul style="list-style-type: none"> - Metals, welding and soldering products - Metal surface treatment and polymers
5	Disodium octaborate	234-541-0	12008-41-2	Toxic for reproduction	<ul style="list-style-type: none"> - Anti-freeze products and heat transfer fluids - Lubricants and greases - Washing and cleaning products
6	Benzo[ghi]perylene	205-883-8	191-24-2	PBT and vPvB	<ul style="list-style-type: none"> - Constituent or impurity in other substances - Side-product in manufacturing
7	Terphenyl hydrogenated	262-967-7	61788-32-7	vPvB	<ul style="list-style-type: none"> - Plastic additive and solvent in coatings/inks - Adhesives and sealants - Heat transfer fluids

#	Substance	EC No.	CAS No.	Reason(s) for inclusion [#]	Application(s)
8	Ethylenediamine (EDA)	203-468-6	107-15-3	Respiratory sensitising properties	- Adhesives, sealants and coating products - Fillers, putties, plasters and modelling clay - pH regulators and water treatment products
9	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7	Respiratory sensitising properties	- Manufacture of esters and polymers
10	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	Toxic for reproduction and endocrine disrupting properties	- Plastisol, PVC, rubber and plastic articles - Phlegmatizer and dispersing agent

[#]PBT: Persistent, Bio-accumulative and Toxic; ^vPvB: very Persistent and very Bio-accumulative

STC (The Hong Kong Standards and Testing Centre), a not-for-profit, independent testing, inspection and certification organization with over 50 years of experience in consumer product testing, provides comprehensive chemical testing services, including SVHC screening test, to ensure compliance with REACH and corresponding standards of the European Union and the United States, among other places.

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