



SVHC intention substances increased to eight items

On October 2, 2023, ECHA released a new SVHC intention substance and plans to launch a public consultation on the substance in February 2024. The specific information of the substance is as follows:

No.	Substance name	EC No.	CAS No.	Reason	Use	Remark
1	Bis(α,α -dimethylbenzyl) peroxide	201-279-3	80-43-3	Toxic for reproduction (Article 57c)	Vulcanizing agents and cross-linking agents for natural rubber, synthetic rubber and polyethylene resin	The 31st batch of consultation substances expected to be released in February 2024.

Now, a total of 15 SVHC consultation substances and intended substances have been published, including 7 consultation substances and 8 intended substances. It is worth noting that dibutyl phthalate (DBP), one of the seven consultation substances, was added to the SVHC in October 2008, and the second consultation was initiated because of the identification of a new hazard type for this substance. So up to now, there are actually only 14 consultation and intention substances that may be added to SVHC in the future, namely 6 consultation substances and 8 intention substances in addition to DBP.

List of consultation substances

No.	Substance name	EC No.	CAS No.	Reason	Use	Remark
1	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	Toxic for reproduction (Article 57c); PBT (Article 57d); vPvB (Article 57e)	Used as an intermediate/reactant in chemical production; in formulations and mixtures for fuel processing in refineries and fuel facilities.	The 30th batch of consultation substances
2	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9	vPvB (Article 57e)	UV absorber, which is widely used in various plastics, coatings, adhesives, and sealants.	
3	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	Toxic for reproduction (Article 57c)	Photoinitiators, which is used in ink and toner, printing and recording media reproduction.	
4	Bumetrizole (UV326)	223-445-4	3896-11-5	vPvB (Article 57e)	UV absorber, which is widely used in various plastics, coatings, adhesives, and sealants.	
5	Dibutyl phthalate(DBP)	201-557-4	84-74-2	Endocrine disrupting properties (Article 57(f) – environment)	Plasticizer.	The 30th batch of consultation substances, this substance is already in the SVHC list



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6	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	vPvB (Article 57e)	Used in adhesives and sealants, paints, fillers, putty, stucco, model clays, inks, toners and polymers.	The 30th batch of consultation substances
7	resorcinol	203-585-2	108-46-3	Endocrine disrupting properties (Article 57(f) - human health)	Used in dye industry, plastic industry, medicine, rubber, etc.	Consultation in March 2020, no conclusion yet

List of intended substances

No	Substance Name	EC No.	CAS No.	Reason	Possible use	Remarks
1	Triphenyl phosphate	204-112-2	115-86-6	Endocrine disrupting properties (Article 57(f) – environment)	Used in adhesives and sealants, coating products and cosmetics and personal care products.	The 31st batch of consultation substances expected to be released in February 2024.
2	Bis(α,α -dimethylbenzyl) peroxide	201-279-3	80-43-3	Toxic for reproduction (Article 57c)	Vulcanizing agents and cross-linking agents for natural rubber, synthetic rubber and polyethylene resin	The 31st batch of consultation substances expected to be released in February 2024.
3	Octamethyltrisiloxane	203-497-4	107-51-7	vPvB (Article 57e)	Used in cosmetics and personal care products, washing and cleaning products.	The 32nd batch of consultation substances expected to be released in August 2024.
4	Hexamethyldisiloxane	203-492-7	107-46-0	PBT (Article 57d)	Used in cosmetics and personal care products, washing and cleaning products, paint products.	The 33rd batch of consultation substances expected to be released in February 2025.
5	Dodecamethylpentasiloxane	205-492-2	141-63-9	vPvB (Article 57e)	Used in cosmetics and personal care products, washing and cleaning products.	
6	Decamethyltetrasiloxane	205-491-7	141-62-8	vPvB (Article 57e)	Used in cosmetics and personal care products, washing and cleaning products.	
7	1,1,1,3,3,5,5,5-hexamethyltrisiloxane	217-496-1	1873-88-7	vPvB (Article 57e)	Used as a reduction catalyst in organic synthesis.	
8	1,1,1,3,3,5,5,5-hexamethyl-3-[(trimethylsilyloxy)trisiloxane	241-867-7	17928-28-8	vPvB (Article 57e)	Used in cosmetics, personal care products and perfume.	