

Annex to news release ECHA/NR/25/37

To protect health and the environment, ECHA recommends four substances for authorisation.

Helsinki, 18 November 2025

List of substances included in the 12th recommendation

#	Substance name (EC number)	SVHC-relevant intrinsic property	Volume range in the scope of authorisation	Examples of uses in the scope of authorisation
1	Barium diboron tetraoxide (EC 237-222-4)	Toxic for reproduction Category 1B (Article 57c)	10 - <100 t/y ¹	Coatings and paints ¹
2	S-(tricyclo[5.2.1.0 2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate (EC 401-850-9)	PBT (Article 57d)	100 - <1,000 t/y	Lubricants and greases
3	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (EC 278-355-8)	Toxic for reproduction Category 1B (Article 57 c)	1,000 - <10,000 t/y	Inks, toners, coatings and adhesives
4	Melamine (EC 203-615-4)	A combination of very high persistence, high mobility in water, potential for being transported in the water phase over long distances and toxicity (Article 57(f) - Equivalent Level of Concern having probable serious effects to human health and the environment)	1,000 -> 10,000 t/y	Additive in polyurethane foams and in intumescent coatings

¹ The substance has limited volume and uses in the scope of authorisation but is recommended based on grouping considerations as it could potentially replace other boron compounds already recommended in some of their uses. This is to avoid regrettable substitution.

Note: An entry for 'Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof' was included in the draft recommendation subject to consultation. This entry is not included in the final recommendation, considering a parallel initiative towards restriction (see Flame retardant entry within pool 1 of [the rolling list of \(groups of\) substances for restriction](#) updating annex I to the [Restrictions Roadmap](#) published by the European Commission).