

UVEB Acrylate Resins communication on the safe use of UV/EB materials

UV/EB Acrylate Resins, the association representing the European UV/EB acrylate resins producers, is committed to the safe use of their substances and strongly advocates for a responsible use of acrylate resins.

Strict compliance with REACH and other European and international legislations as well as with the information available in the product SDS (Safety Data Sheets) provided by UV/EB acrylates manufacturers is necessary for ensuring the safe use of UV/EB acrylates in all applications.

In particular, *UV/EB Acrylate Resins* wishes to raise awareness about the hazards that UV/EB acrylates classified as sensitizers Category 1A under the CLP regulation can present when used without adequate protection and training. As indicated in their SDS, these substances can be safely used in industrial applications as well as professional applications where a closed system ensures adequate exposure control. On the other hand, *UV/EB Acrylate Resins* strongly discourages any uses in consumer applications or in sensitive professional applications: eg. cosmetics, perfumes and fragrances, personal care and cleaning products.

For the sake of transparency and to provide the value chain with complete information, *UV/EB Acrylates Resins* members are committed to regularly update their SDS and clearly indicate the uses advised against for both the substances classified as skin sensitizer 1A and the mixtures containing these substances. Formulators who are using these substances in their coatings or paints are advised to include this information in their SDS so as to reach out to the entire supply chain until the final users. In case the information about the uses advised against is missing in the SDS, it is advised to contact the supplier.

Substances name	CAS	EC	Hazard Class.	Cat.
(1-methyl-1,2-ethanediy)bis[oxy(methyl-2,1-ethanediy)] diacrylate (TPGDA)	42978-66-5	256-032-2	Skin Sens.	1A
2-(2-hydroxyethoxy)propyl prop-2-enoate; 2-[2-[2-[2-(1-methyl-2-prop-2-enoyloxy-ethoxy)ethoxymethyl]butoxy]ethoxy]propyl 3-(dibutylamino)propanoate	173011-06-8	605-658-8	Skin Sens.	1A
2-[2,2-bis(2-prop-2-enoyloxyethoxymethyl)butoxy]ethyl 3-(dibutylamino)propanoate	195008-76-5	606-330-7	Skin Sens.	1A
2-Propenoic acid, reaction products with dipentaerythritol (DPHA)	1384855-91-7	800-838-4	Skin Sens.	1A
2-phenoxyethyl acrylate	48145-04-6	256-360-6	Skin Sens.	1A
Propylidyntrimethanol, ethoxylated, esters with acrylic acid, reaction products with diethylamine	159034-91-0	500-425-6	Skin Sens.	1A
1,4-butanediol diacrylate	1070-70-8	213-979-6	Skin Sens.	1A
Glycerol, propoxylated, esters with acrylic acid, reaction products with diethylamine	162492-10-6	500-744-0	Skin Sens.	1A
Tetraethylene glycol diacrylate	17831-71-9		Skin Sens.	1A
2-(2-Ethoxyethoxy)ethyl acrylate	7328-17-8	230-811-7	Skin Sens.	1A
4-(1,1-dimethylethyl)cyclohexyl acrylate	84100-23-2	283-104-8	Skin Sens.	1A

List of UV/EB acrylate resins classified sensitizers Category 1A under the CLP regulation.
Source: Parade, Polymerisable Acrylate Resins and Derivatives Consortium) and UV/EB Acrylate Resins

About UVEB Acrylate Resins: UVEB Acrylate Resins is a Sector Group of Cefic, the European Chemical Industry Council. UV/EB Acrylate Resins represents six companies producing UV/EB acrylate resins in Europe: Allnex, Arkema, BASF, DSM, IGM Resins, Rahn.

List of UV/EB acrylate resins classified sensitizers Category 1A under the CLP regulation.
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