BASIC ACRYLIC MONOMER MANUFACTURERS, INC.

Acrylates are subject to a number of federal and international statutes and regulations. The table below presents a selection of important hazard listings and other regulations that apply to one or more acrylates. A separate table accessible through links included in this table summarizes FDA food contact approvals for the acrylates. A list of acronyms used in the tables is available here.

The tables contain links to websites maintained by third parties. Links to third party websites are provided for user convenience only and do not constitute an approval of BAMM as to their content. BAMM shall not be liable for the availability and content of such third party websites or for any damage or injury resulting from the use thereof.

Selected Acrylate Regulations

Last Updated *May 7, 2018*

Disclaimer

	Acrylic Acid	Methyl Acrylate	Ethyl Acrylate	Butyl Acrylate	2-Ethylhexyl Acrylate	Isobutyl Acrylate	Tert-butyl Acrylate
CAS No.	**79-10-7**	**96-33-3**	**140-88-5**	**141-32-2**	**103-11-7**	**106-63-8**	**1663-39-4**
EINECS/EC No.	**201-177-9**	**202-500-6**	**205-438-8**	**205-480-7**	**203-080-7**	**203-417-8**	**216-768-7**
Hazard Listings							
OSHA PELs 29 CFR § 1910.1000, Table Z-1	N/A	10 ppm	25 ppm	N/A	N/A	N/A	N/A
ACGIH® TLV	TWA = 2 ppm	TWA = 2 ppm DSEN	TWA = 5 ppm STEL = 15 ppm	TWA = 2 ppm DSEN	N/A	N/A	N/A
IRIS	Yes RFD = 0.5 mg/kg/day RFC = 0.001 mg/m^3	N/A	N/A	N/A	N/A	N/A	N/A
DOT Hazardous Materials 49 CFR 172.101	Class 8, 3 Flammable, Corrosive	Class 3, Flammable	Class 3, Flammable	Class 3, Flammable	N/A	Class 3, Flammable	N/A
Extremely Hazardous Substances 40 CFR 355, App. A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cancer Classifications							
IARC	Group 3 (not classifiable)	Group 3 (not classifiable)	Group 2B (possibly carcinogenic)	Group 3 (not classifiable)	Group 3 (not classifiable)	N/A	N/A
EPA	N/A	"Not classifiable as to human carcinogenicity"	N/A	N/A	N/A	N/A	N/A
NTP	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Other U.S. Federal/State Regulations							
EPCRA/SARA Section 313 (TRI) 40 CFR 372.65	Yes	Yes	Yes	Yes	N/A	N/A	N/A
CERCLA — Reportable Quantity 40 CFR 302.4	5,000 lbs	N/A	1,000 lbs	N/A	N/A	N/A	N/A
RCRA Hazardous Waste 40 CFR 261.33	U008	N/A	U113	N/A	N/A	N/A	N/A
Clean Water Act Priority Pollutant 40 CFR Part 423	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Clean Air Act 112(b) Hazardous Air Pollutants	Yes	N/A	Yes	N/A	N/A	N/A	N/A
Acute Exposure Guideline Levels (AEGLs)	Interim	N/A	Interim	Interim	N/A	N/A	N/A
Clean Air Act VOCs	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FDA Food Contact Approvals (click link for more information)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
California Proposition 65	Not listed	Not listed	Yes	Not listed	Not listed	Not listed	Not listed
Canadian Regulations							
List of Prohibited and Restricted Cosmetic Ingredients	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Acronyms

ACGIH®	American Conference of Industrial Hygienists
AEGL	Acute Exposure Guideline Levels (AEGLs represent one-time threshold exposure limits for the general public and are applicable to emergency exposure periods ranging from 10 minutes to 8 hours)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (a.k.a. "Superfund")
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FDA	U.S. Food and Drug Administration
IARC	International Agency for Research on Cancer
IRIS	Integrated Risk Information System (EPA's database of non-cancer and cancer risk information on more than 550 chemical substances)
NTP	National Toxicology Program (A U.S. interagency program that evaluates chemical hazards)
OSHA	U.S. Occupational Health and Safety Administration
PEL	Permissible Exposure Limit (legal limit for worker air exposure, expressed here as an 8-hour TWA)
RCRA	Resource Conservation and Recovery Act (regulation of hazardous waste)
RFD/RFC	Reference Dose/Reference Concentration (an estimate of daily oral/inhalation exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious non-cancer effects during a lifetime)
SARA	Superfund Amendments and Reauthorization Act (Title III of SARA created EPCRA)
STEL	Short Term Emission limit (guideline spot exposure limit for a duration of 15 minutes)
TLV	Threshold Limit Value (guideline level of exposure that a typical worker can experience each day without unreasonable risk of injury)
TRI	Toxic Release Inventory
TWA	Time Weighted Average (average exposure during an 8-hour work shift)
VOCs	Volatile Organic Compounds

Disclaimer

This table is not intended to provide a comprehensive listing of all regulations that may apply to acrylates. The table is provided solely as background information and should not substitute for up-to-date research should specific regulatory or other legal questions arise. The table is not intended to be a statement of legal requirements when using or handling acrylates. Although the information in the table is believed to be accurate as of the last update, regulations frequently change and no warranty, expressed or implied, is made concerning the contents. In addition, many states and localities adopt their own regulations, which are not covered by this table. In all events, the user should consult applicable laws and regulations, as well as their supplier's Material Safety Data Sheet, for current requirements. **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN.**