

XI. Toxicological Information

No Acute toxicity information is available for this product.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isobornyl Acrylate	= 4890 mg/kg (Rat)	> 5 g/kg (Rabbit)	
2-Hydroxyethyl Methacrylate	= 5050 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	
octyl acrylate	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	
decyl acrylate	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	
Acrylic Acid	= 33500 µg/kg (Rat)	= 280 µL/kg (Rabbit)	= 5300 mg/m ₃ (Rat) 2 h
Silane Coupling Agent	= 22600 µL/kg (Rat)	= 3970 µL/kg (Rabbit)	

Delayed and immediate effects as well as chronic effects from short and long-term exposure.

Sensitization: May cause sensitization of susceptible persons.
 Mutagenic effects: No information available.
 Reproductive toxicity: No information available.
 Carcinogenicity: Contains no ingredients above reportable quantities listed as a carcinogen.

Numerical measures of toxicity - Product information

Unknown acute toxicity 0% of the mixture consists of ingredients(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	ATEmix (dermal)	ATEmix (inhalation-dust/mist)
4067 mg/kg	4375 mg/kg	10.9 mg/l

XII. Ecological Information

Ecotoxicity: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
 7.2793% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Acute aquatic toxicity

Chemical name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish
Isobornyl Acrylate	ErC 50 = 2.7 mg/L 96 h (Pseudokirchneriella subcapitata)	EC 50 = 1.1 mg/L 48 h (Daphnia magna)	LC 50 = 1.8 mg/L 96 h (Danio rerio)
2-Hydroxyethyl Methacrylate		EC50 > 380 mg/L 48h (Daphnia Magna)	LC50 = 227 mg/L 96 h Pimephales promelas
Acrylic Acid	EC50 0.17 mg/L 96 h (Pseudokirchneriella subcapitata) EC 50 0.04 mg/L 72 h (Desmodesmus subspicatus)	EC50 = 95mg/L 48h	LC50 = 222 mg/L 96 h (Brachydanio rerio)
Photoinitiator	EC50 14.4 mg/L 72 h (Green algae)	EC50 53.9 mg/L 48 h (Daphnia magna)	

Persistence and degradability No information Bioaccumulation No information

Chemical name	log Pow
2-Hydroxyethyl Methacrylate	0.47
Isobornyl Acrylate	0.46

XIII. Disposal considerations

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging: Dispose of in accordance with local regulation.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

XIV. Transportation information

DOT, ICAO/IATA, IMDG/IMO, TDG, MEX: Not Regulated

XV. Regulatory Information.

TSCA	Complies	AICS	Not listed
DSL/NDL	Complies	ENCS	Not listed
EINECS/ELINCS	Complies	NZIC	Not listed
IECSC	Not listed	PICCS	Not listed
KECL	Complies	ECSI	Not listed

US Federal Regulations

OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	Sara 313 - Threshold Values %
Acrylic Acid - 79 10-7	1.0

Sara 311/312 Hazard Categories:

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Cercla: This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	CERCLA/Sara RQ	Hazardous Substances RQ's	Reportable Quantity (RQ)
Acrylic acid 79-10-7		5000 lb.	RQ 5000 lb. final RQ RQ 2270 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	New Jersey	Massachusetts	Pennsylvania
decyl acrylate	X	X	X
octyl acrylate			X
Acrylic acid	X	X	X
Methyl alcohol	X	X	X

XVI. Other information

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To the best of our knowledge, the information contained herein is accurate. However, Delta Kits Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.