

## Acrylate Copolymer

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 08-07-2015  
Supersedes: 10-29-2012

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Acrylate Copolymer	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Acrylates / Octylacrylamide Copolymer	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	129702-02-9	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2-propenoic acid and N-(1,1,3,3-tetramethylbutyl)-2-propenamide		
<b>Product Form:</b>	Solid (Powdered solid)		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not classified												
<b>GHS Hazard Pictograms:</b>	None												
<b>GHS Hazard Statements:</b>	None												
<b>GHS Precautionary Statements:</b>	None												
<b>Potential Health Hazards:</b>	Eyes: Moderately irritating to the eyes. Inhalation: No data available. Skin: Slightly irritating to the skin. Ingestion: No data available.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Acrylate Copolymer	129702-02-9	No data available	No data available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
<b>Inhalation:</b>	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
<b>Skin:</b>	Flush with plenty of water and wash using soap.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.
<b>Medical Conditions Aggravated by Overexposure:</b>	Repeated or prolonged exposure is not known to aggravate medical condition.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	No data available
<b>Specific hazards arising from the chemical:</b>	Flammable and explosive in presence of open flames, sparks and static discharge. Non-flammable and non-explosive in presence of shocks.

These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...). Unknown hydrocarbons.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Not available

**Methods and material for containment and cleaning up:** Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Acrylate Copolymer	Not available		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

**Eyes:** Safety glasses

**Inhalation:** Dust protection mask

**Body:** Lab coat

**Hands:** Gloves

**Feet:** Suitable protective footwear

**In Case of Large Spill:** Splash goggles, full suit, dust protection mask, boots, and gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Solid (Powdered solid)	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Slight	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	White	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	Not available	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (25°C, 1% in water)</b>	4.0-8.0		
<b>Boiling Point:</b>	>285°C (545°F)		
<b>Melting Point:</b>	>201°C (393.8 °F)		
<b>Flash Point:</b>	Not applicable		
<b>Specific Gravity:</b>	Not available		
<b>Density:</b>	BD=4-8 lb/gallon		
<b>Solubility:</b>	Insoluble in cold water, 151g/l at 20°C (pH of solution 5.8)		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable
<b>Chemical Stability:</b>	Product is stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	No data available
<b>Hazardous Decomposition Products:</b>	No data available

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute Oral Toxicity (LD50): >0.525 g/kg of body weight Acute Dermal Toxicity (LD50): >2.0 g/kg of body weight Acute Inhalation Toxicity in albino rats: LC50 of Acrylate Copolymer was >3.4 mg/L Eye Irritation in Rabbits: Acrylate Copolymer is considered to be non-irritating to the rabbit eye Guinea Pig Maximization Test: Acrylate Copolymer did not cause a sensitization reaction in guinea pigs
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The following study was conducted on a structurally similar compound. Acrylate Copolymer is expected to have a similar toxicology profile as described in the study below:

**Thirteen Week Inhalation Toxicity Study in Rats:** Exposure of rats to a structurally similar compound at concentrations approximately 100 times simulated-human-use-conditions did not produce any adverse effects over a thirteen week exposure period.

<b>Skin:</b>	Slightly irritating to the skin
<b>Eyes:</b>	Moderately irritating to the eyes
<b>Respiratory:</b>	No data available
<b>Ingestion:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available
<b>Products of Degradation:</b>	These products are carbon oxides (CO, CO <sub>2</sub> ) and water, nitrogen oxides (NO, NO <sub>2</sub> ...). Unknown hydrocarbons.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

**14 TRANSPORT INFORMATION**

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated
<b>ICAO (International Civil Aviation Organization):</b>	No data available

**15 REGULATORY INFORMATION**

<b>TSCA Inventory Status:</b>	No data available
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)
<b>Other International Lists:</b>	Australia (NICNAS)

**16 OTHER INFORMATION**

<b>Revision Date:</b>	08-07-2015
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.