Acrylate Copolymer

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Acrylate Copolymer
Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE, Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: Moderately irritating to the eyes.
Inhalation: No data available.
Skin: Slightly irritating to the skin.
Ingestion: No data available.
NFPA Ratings (704):

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Specific Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>n/a</td>
</tr>
</tbody>
</table>

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate Copolymer</td>
<td>129702-02-9</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation: 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.
Skin: Flush with plenty of water and wash using soap.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.
Medical Conditions: Repeated or prolonged exposure is not known to aggravate medical condition.
Aggravated by Overexposure:

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
Special protective equipment & precautions for firefighters:
Flash Points:
Specific hazards arising from the chemical:

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.
Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
No data available
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, CO₂), nitrogen oxides (NO, NO₂...), and 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate Copolymer</td>
<td>Not available</td>
<td>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</td>
<td>STEL: Short Term Exposure Limit during x minutes. IDLH: Immediately Dangerous to Life or Health WEEL: Workplace Environmental Exposure Levels CEIL: Ceiling</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, Physical State:</td>
<td>Solid (Powdered solid)</td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight</td>
</tr>
<tr>
<td>Taste:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color:</td>
<td>White</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (25°C, 1% in water)</td>
<td>4.0-8.0</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>&gt;285°C (545°F)</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>&gt;201°C (393.8 °F)</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Density:</td>
<td>BD=4.8 lb/gallon</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Insoluble in cold water, 151g/l at 20°C (pH of solution 5.8)</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper/lower Explosive Limit:</td>
<td>Not available</td>
</tr>
</tbody>
</table>
10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: 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

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.

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

12 ECOLOGICAL INFORMATION

Ecotoxicity
Aquatic Vertebrate: No data available
Aquatic Invertebrate: No data available
Terrestrial: No data available
Persistence and Degradability: No data available
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
PBT and vPvB Assessment: No data available
Other Adverse Effects: No data available
Products of Degradation: These products are carbon oxides (CO, CO2) and water, nitrogen oxides (NO, NO2...). Unknown hydrocarbons.

13 DISPOSAL CONSIDERATIONS

Waste Residues: 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.
Product Containers: 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

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

15 REGULATORY INFORMATION

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

16 OTHER INFORMATION

Revision Date: 08-07-2015
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: 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 suitableness & completeness of such information for his own particular use.