

GelMaker® PH

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

Revision Date: 05-22-2018
Supersedes: None

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: GelMaker® Powder
Synonyms: Not available
INCI Name: Polyacrylate crosspolymer-6
CAS Number: 111286-86-3
Formula: Not available
Product Form: Solid (powder)
Product Use: Cosmetic use

Distributor: MakingCosmetics.com 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: Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

NFPA Ratings (704):

| | |
|-----------------|-----|
| Health | n/a |
| Flammability | n/a |
| Reactivity | n/a |
| Specific Hazard | n/a |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|-----------------------------|----------------|-----------------|-------------------------|
| Polyacrylate crosspolymer-6 | 111286-86-3 | 80-100% | N/A |
| 2-methylpropan-2-ol | 1093099-09-2 | 1-5% | |

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Rinse mouth with diluted milk or water and seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Water spray, carbon dioxide, dry chemical or foam. Do not use direct water jet on burning material.
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: Not available.
Specific hazards arising from the chemical: Carbon monoxide, carbon dioxide. Fine dust clouds may form explosive mixtures with air.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

**Environmental precautions:
Methods and material for containment and cleaning up:**

Prevent entry into waterways, sewers, basements or confined areas.
Pick up spilled material and containerize for recovery or disposal.

7 HANDLING & STORAGE

Precautions for safe handling:

Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.

Conditions for safe storage, incl. any incompatibilities:

Containers should be kept closed in order to minimize contamination. Store in sealed original container. Make sure the material does not come into contact with substances listed as "Materials to Avoid".

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|---------------------|---|--------------|---------------|
| 2-methylpropan-2-ol | EH40/2005 WELs (United Kingdom (UK), 8/2007). STEL: 462 mg/m ³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 308 mg/m ³ 8 hour(s). TWA: 100 ppm 8 hour(s). | | |

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, goggles, or face shield recommended for eye protection.
- Inhalation:** Appropriate NIOSH approved respiratory protection may be worn.
- Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.
- Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---|-------------------------------------|----------------------|
| Appearance: | Solid powder | Vapor Pressure: | Not available |
| Odor: | Mild, acrylic | Vapor Density: | Not available |
| Taste: | Not available | Evaporation Rate: | Not available |
| Color: | White | Flammability: | Not flammable |
| Granulometry: | <2 mm : 98% ; <150 µm : 25% ; <80 µm : 7% | Upper/lower Explosive Limit: | Not available |
| pH | 3 to 6 [Conc. (% w/w): 2%] | Solubility: | Dispersible in water |
| Boiling Point: | Not available | Flash Point: | Not available |
| Melting Point: | Not available | Density: | 0.23 [not tapped] |

10 STABILITY AND REACTIVITY

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| Reactivity: | Stable under normal conditions. |
| Chemical Stability: | Stable under normal conditions. |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
| Incompatible Materials: | Reactive or incompatible with the following materials: oxidizing materials |
| Hazardous Decomposition Products: | Under normal storage/use conditions hazardous decomp. products should not be produced. |

11 TOXICOLOGICAL INFORMATION

| | |
|---|---|
| Acute Toxicity (2-methylpropan-2-ol) | LC50 Inhalation Gas: >10000 ppm 4 hours LD50 Dermal: >2 g/kg LD50 Oral: 2733 mg/kg |
| Skin: | No known significant effects or critical hazards |
| Eyes: | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes |
| Respiratory: | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs |
| Ingestion: | No known significant effects or critical hazards |
| Carcinogenicity: | No known significant effects or critical hazards |
| Teratogenicity: | No known significant effects or critical hazards |
| Germ Cell Mutagenicity: | No known significant effects or critical hazards |
| Embryotoxicity: | No known significant effects or critical hazards |
| Specific Target Organ Toxicity: | No known significant effects or critical hazards |
| Reproductive Toxicity: | No known significant effects or critical hazards |
| Respiratory/Skin Sensitization: | No known significant effects or critical hazards |

12 ECOLOGICAL INFORMATION

| | |
|--|---|
| Ecotoxicity (2-methylpropan-2-ol) | Acute EC50 5504000 ug/L Fresh water, Species: Daphnia - Daphnia magna, 6 to 24 hours, Exposure: 48 hours Acute LC50 6410000 ug/L Fresh water, Species: Fish - Pimephales promelas - 32 days - 20mm - 0,114 g, Exposure: 96 hours |
| Persistence and Degradability: | Not available |
| Bioaccumulative Potential: | By analogy. Not readily biodegradable. This product shows a low bioaccumulation potential |
| Mobility in Soil: | Not available |
| PBT and vPvB Assessment: | Not available |
| Other Adverse Effects: | Not available |

13 DISPOSAL CONSIDERATIONS

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|----------------------------|--|
| 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

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| 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): | Not regulated |

15 REGULATORY INFORMATION

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|-------------------------------|---|
| TSCA Inventory Status: | Not listed |
| DSCL (EEC): | This product is not classified according to the EU regulations. Not applicable. |
| WHMIS (Canada): | Not controlled under WHMIS (Canada) |

16 OTHER INFORMATION

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| Revision Date: | 05-22-2018 |
| 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 suitability & completeness of such information for his own particular use. |