

SAFETY DATA SHEET

1. Product and Company Identification

Product Name Water Emulsion Silicone
Product Code: 148854, 148855, 162752
Product Type: Bulk
Product Use: Mold Release

| | | |
|---|---------------------------------|--|
| Manufacturer: IMS Company | Emergency Phone | 800-424-9300 |
| Address: 10373 Stafford Road Chagrin Falls, OH 44023-5296 | Prepared by Prepared/Revised | Product Safety Advisor March 15, 2018 |

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

2. Hazard Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye Irritations Category 2A

Label Elements:

Pictograms



Signal Word: Warning

Hazard Statement:

H319 Causes serious eye irritation

Precautionary Statements:

P261 Avoid breathing spray
P264 Wash skin thoroughly after handling
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/protective clothing/eye protection/ face protection

Response:

P305+P351
+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 IF eye irritation persists: Get medical advice/attention.

3. Composition information on ingredients

| Ingredients | CAS # | Percent |
|---|------------|---------|
| Isotridecanol, ethoxylated | 69011-36-5 | 0.5-6% |
| Triethanolamine Dodecylbenzene Sulfaonate | 27323-41-7 | 2-7% |

4. First Aid Measures

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.

Skin Contact:

Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation:

If inhaled, remove to fresh air. Get medical attention.

Ingestion:

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

5. Fire Fighting Measures

Extinguishing Media:

N/A – Will not burn

Unusual Fire & Explosion Hazards:

Carbon Oxides, Silicon Oxides, Formaldehyde, Nitrogen Oxide (NO_x), Sulfur Oxides

Special Fire Fighting Procedures:

Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely.

6. Accidental Release Measures

Spill or Leak Instructions

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place

leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping. Discharge to environment should be avoided.

Keep unnecessary people away; isolate hazard area and deny entry. It may be advisable in some cases to simply monitor the situation until spilled product is removed. Caution: contaminated surfaces may be slippery.

7. Handling and Storage

Handling:

Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

Storage:

Keep containers closed when not in use. Do not store with incompatible materials

8. Exposure Controls / Personal Protection

Protective Equipment:

Use chemical-resistant gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

Engineering Controls:

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

Respiratory Protection:

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (20 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

Discretion Advised:

We take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

Exposure guidelines:

Contains no substances with occupational exposure limit values.

9. Physical and Chemical Properties

Flash point: >101.1°C
Vapor Density: NA
Evaporation Rate: NA

Specific Gravity: 1
Odor/Appearance: off-white.
Solubility in water: NA

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatibility: Oxidizing Agents

Hazardous Decomposition: Thermal decomposition may liberate dimethylcyclosiloxanes and methylphenylcyclosiloxanes. This product can form formaldehyde vapors when heated to temperatures above 150°C in the presence of air.

11. Toxicological Information

Component Toxicological Information:

Acute toxicity:

Not classified based on available information.

Acute toxicity oral:

Acute toxicity estimate: > 5,000 mg/kg

Method: Calculation method

May cause serious eye damage/eye irritation

12. Ecological Information

Toxicity to fish:

Triethanolamine dodecylbenzene sulfonate
LC 50 (Pimephales promelas (fathead minnow)):
22mg/l
Exposure Time: 96 h

Isotridecanol,ethoxylated
LC50 (Oncorhynchus mykiss (rainbow trout)):
>1 – 10 mg/l
Exposure Time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

Triethanolamine dodecylbenzene sulfonate:
EC50 (Daphnia magna (water flea)): 2.5 mg/l
Exposure Time: 48h

Isotridecanol,ethoxylated
EC50: >1 – 10 mg/l
Exposure Time: 48 h

Toxicity to algae:

Isotridecanol,ethoxylated
EC50: > 1 – 10 mg/l
Exposure Time: 72 h
Remarks: Based on data from similar materials

13. Disposal Considerations

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

14. Transport Information

DOT description:
Non-regulated as a dangerous good

15. Regulatory Information

Environmental Regulations

SARA 302/304:
None

SARA 311/312:
Serious eye damage or eye irritation

Section 313
None

California Prop. 65: None

All the chemicals used in this product are TSCA listed.
Check with your local regulators to be sure all local regulations are met.

16. Other Information

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Flammability 1, Health 2, Reactivity 0,

HMIS: Health: 2 Flammability: 1 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

Note:

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with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.