

SAFETY DATA SHEET

1. Product and Company Identification

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

Manufacturer:	IMS Company	Emergency Phone	800-424-9300
Address:	10373 Stafford Road	Prepared by	Product Safety Advisor
	Chagrin Falls, OH 44023-5296	Prepared/Revised	December 26, 2014
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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

Classification of substance or mixture:

GHS Classification:

Eye Irritations	Category 2A
Skin sensitization	Category 1
Reproductive toxicity	Category 2

GHS label Elements:

Pictograms



Signal Word: Warning

Hazard Statements:

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child

Precautionary Statements

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing spray
P264	Wash skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing must not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/ face protection

Response

P302+P352 P305+P351 +P338	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	IF eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing
P405	Store locked up
P501	Dispose of contents/container to an approved waste disposal plant.

3. Composition information on ingredients

Ingredients	CAS #	Percent
Octamethylcyclotetrasiloxane	556-67-2	1-5%
Triethanolamine Dodecylbenzene Sulfaonate	27323-41-7	3-7%
Polyozethylated tridecyl alcohol	24938-91-8	1-5%
Dicamithylcyclopentasiloxane	541-02-6	1-5%

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 systems occur. Rinse mouth thoroughly with water.

5. Fire Fighting Measures

Extinguishing Media:

Dry chemical, carbon dioxide, halon, or foam is recommended.

Unusual Fire & Explosion Hazards:

None known

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. Material will float on water, avoid spreading the fire.

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 synthetic 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: No protection is ordinarily required under normal conditions of use and with adequate ventilation. Product can form formaldehyde vapors when heated to temperatures above 150 degree C in the presence of air.

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:

Ingredients	CAS #	Exposure Limits
Octamethylcyclotetrasiloxane	556-67-2	TWA 10 ppm (1)
Decamethylcyclopentasiloxane	541-02-6	TWA 10 ppm (1)

(1) Supplier recommended

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: Soluble

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Heat, spark, and open flame

Incompatibility: Strong-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: LD 50 Rat: > 5000 mg/kg

May cause serious eye damage/eye irritation
May cause allergic skin reaction

12. Ecological Information

Toxicity to fish:

Triethanolamine Dodecylbenzine sulfonate:	LC 50 (Pimiphales promelas (fathead minnow)): 22mg/l 96h
Octamethylcyclotetrasiloxane:	LC50 (Oncarhynchus mykiss (rainbow trout)): > 0.0dd mg/l 96h
Polyzoxyethylene tridecyl ether	LC50 (Leuciscus idus(Golden orfe)): > 1-10 mg/l 96h

Toxicity to daphnia and othr aquatic invertebrates:

Triethanolamine Dodecylbenzine sulfonate:	EC50 (Daphnia magna (water flea)): 2.5 mg/l
Octamethylcyclotetrasiloxane:	EC50 (Daphnia sp.): > 0.015 mg/l
Polyzoxyethylene tridecyl ether	EC50: > 1—10 mg/l 48 h

Toxicity to algae:

Octamethylcyclotetrasiloxane:	EC50 (Pseudokirchneriella subcapitata (gree algae)) 0.022 mg/l 96h
Polyzoxyethylene tridecyl ether	EC50:> 1-10 mg/l 72h

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 by DOT.

15. Regulatory Information

Environmental Regulations

SARA 302/304:

None

SARA 311/312:

Acute health hazard, Chronic health hazard

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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