

## **SAFETY DATA SHEET**

### ***1. Product and Company Identification***

**Product Name:** Silicone bulk Mold Release  
**Product Code:** 111967,115348,100536,100579  
**Product Type:** Bulk  
**Product Use:** Mold Release

<b>Manufacturer:</b> IMS Company	Emergency Phone	800-424-9300
<b>Address:</b> 10373 Stafford Road	Prepared by	Product Safety Advisor
Chagrin Falls, OH 44023-5296	Prepared/Revised	January 21, 2015
WEB <a href="http://www.imscompany.com">www.imscompany.com</a>	E-mail	<a href="mailto:sales@imscompany.com">sales@imscompany.com</a>

**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:**

#### **Emergency overview:**

**Potential health effects:** This material is not considered hazardous by the OSHA Hazard communication Standard, OSHA 29 CFR 1910.1200

### ***3. Composition information on ingredients***

<b>Ingredients</b>	<b>CAS #</b>	<b>Percent</b>
Dimethylpolysiloxane	63148-62-9	100%

### ***4. First Aid Measures***

#### **Eye Contact:**

Flush with warm water for 15 minutes. Seek medical attention if necessary.

#### **Skin Contact:**

Wash with soap and water. If irritation persists, seek medical attention.

#### **Inhalation:**

If breathed in remove person to fresh air. Consult physician if necessary.

**Ingestion:** No adverse effects are expected. Rinse mouth with water. Consult physician if unwell.

## **5. Fire Fighting Measures**

### **Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Do not use water jet as an extinguisher, as this will spread fire.

### **Unusual Fire & Explosion Hazards:**

Product will burn under fire conditions. Hazardous decomposition products: formaldehyde, oxides of carbon and silica.

### **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.

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:**

<b>Ingredients</b>	<b>CAS #</b>	<b>Percent</b>	<b>Exposure Limits</b>
Dimethylpolysiloxane	63148-62-9	100%	NE

**9. Physical and Chemical Properties**

**Boiling Point:** NA

**Vapor Density:** NA

**Odor/Appearance:** Clear, viscous, odorless.

**Evaporation Rate:** NA

**Specific Gravity:** <1

**Water Solubility:** Negligible

**Freezing point:** -58°F

**Solubility in water:** Insoluble

**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 oral:** LD 50 Rat: > 5,000 mg/kg

**Acute toxicity Dermal:** LD 50 Rat: >2,000 mg/kg

## 12. Ecological Information

Not expected to be harmful to fish or aquatic organisms.  
Product is not biodegradable

## 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 Information – 49 CFR 172.101

DOT description:

Non-regulated by D.O.T.

## 15. Regulatory Information

### Environmental Regulations

#### SARA 302/304:

None

#### SARA 311/312:

Immediate ( ) Delayed ( ) Fire ( ) Reactive ( ) Sudden Release of Pressure ( )

#### 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 0, Reactivity 0,

**HMIS:** Health: 0 Flammability: 1 Reactivity: 0

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

**Note:**

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