

# MATERIAL SAFETY DATA SHEET

## Section 1 - Chemical Product and Company Identification

**PRODUCT CLASSIFICATION:** Two Components Silicone Rubber Compound

**Product Code/Series:** Cast-a-Mold Platinum "A"

**Specialty Resin & Chemical**  
**58151 Park Place Dowagiac, MI. 49047**  
**Day: 1-269-462-9256**  
**Night: 1-269-487-0079**  
**Poison Hotline: 800-222-1222**

## Section 2 - Composition Information

**PURE OR MIXTURE:** Mixture

**CHEMICAL IDENTIFICATION:**

Chemical Name	CAS NO.	Weight (%)
Fumed Silica	60676-86-0	25~30
Vinyl Silicone Oil	68038-19-2	50~70
Hydrogen Silicone Oil	63148-57-2	0~20
Platinum Based Catalyst	68478-92-2	0.001~0.01

## Section 3 – Hazards Identification

**Eyes**

May cause eye irritation

**Skin**

May cause skin irritation

**Inhalation**

May cause pneumoconiosis, pulmonary fibrosis and silicosis under prolonged inhalation of dusts containing free silica.

**Ingestion**

May cause vomiting

**Hazard Classification:**

Non-Hazardous Substance. Non-Dangerous Goods.

# MSDS

## Section 4 – First Aid Measures

### **Skin Contact**

Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

### **Eyes Contact**

Immediately flush with water for at least 15 minutes.

### **Ingestion**

Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

## Section 5 – Fire Fighting Measures Danger

**Flash Point (method used):** 200 degrees C Min.(Open cup)

### **Flammable Limits:**

LOWER: Not measured UPPER: Not measured

**Extinguishing Media:** Foam, dry chemical, carbon dioxide or fine water spray

**Special Fire Fighting Procedure:** Not required

**Unusual Fire and Explosion Hazard:** None

## Section 6 – Accidental Release Measures

**Step to be taken in case material is released or spilled (contain the spill or leak):**

Scrape up with cardboard or rag and place in container.

## Section 7 – Handling and Storage

### **Precaution to be taken in Handling and Storage:**

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Do not lay the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

Keep out of reach of children.

**\*\*\*\*\* Information about the emptied container \*\*\*\*\***

Do not re-use this container.

Keep away from heat, sparks and flame.

Do not puncture or cut this container, and do not weld on or near this container.

# MSDS

## Section 8 – Exposure Controls/Personal Protection

### Engineering Controls

Keep Workroom concentration below current applicable OSHA safety and health requirements. If necessary, configure the explosion-proof, anti- static devices.

### Respiratory Protection

Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask below current applicable OSHA safety and health requirements.

### Personal protection

Safety glasses, protective gloves, eye washer and safety shower if needed.

## Section 9 – Physical & Chemical Properties

**APPEARANCE (color):** white liquid

**PH:** 5.0(27C, 59%RH)

**Flash point:** > 100C (Closed cup)

**Flammability:** Non-flammable

**Solubility in Water:** Difficult to soluble in water

## Section 10 – Stability & Reactivity

### Stability

Stable under normal conditions

### Incompatibility (material to avoid)

Strong oxidizing agents, strong acids, strong bases

### Hazardous Decomposition or By-product:

Carbon monoxide, carbon dioxide, silicon oxides

### Hazardous Polymerization:

Will not occur

### Condition to avoid:

None

# MSDS

## Section 11 – Toxicological Information

### Dimethyl Siloxane

Oral LD50 for rat: >24gm/kg

Dermal LD50 for rabbit: >2gm/kg

### Polydimethylsiloxane

Acute toxicity

Oral LD50 for rat :> 15440mg/kg

Dermal LD50 for rabbit: >15440mg/kg

## Section 12 – Ecological Information

### Environment Treatment

Report spills as required to appropriate authorities. U.S coast guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

## Section 13 – Disposal Considerations

### Disposal Treatment

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of transportation (DOT) regulations may apply for transporting this material when spilled.

## Section 14 – Transportation Information

The Silicone is exempt from dangerous goods. It is considered non-dangerous goods by the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), International Maritime Dangerous Goods Regulations (IMDG), or Technical Instructions for the Safe Transport of Dangerous Goods.(TI)

**Transportation Fashion:** by air, by sea, by railway, by road.

**Packing Information:** Iron drum, plastic drum.

# MSDS

## Section 15 – Regulatory Information

### Law information

《Dangerous Goods regulations》

《Recommendations on the transport of dangerous goods model regulations》

《International maritime dangerous goods》

《Technical instructions for the safe transport of dangerous goods》

《Classification and code of dangerous goods》

《Occupational and safety and health act》 (OSHA)

《TOXIC Substances control act》 (TSCA)

《Consumer product safety act》 (CPSA)

《Federal environmental pollution control act》 (FEPCA) 《  
The oil pollution act》 (OPA)

《Superfund amendments and reauthorization act title 》

《resources conservation and recovery act》 (RCRA)

《Safety drinking water act》 (CWA)

《California proposition 65》

《Code of federal regulations》 (CFR)

In accordance with all Federal, state and local laws

## Section 16 –Additional Information

The above information is based on the data of which we are aware and is believed to be correct as the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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Polymethylhydrosiloxane	9006-65-9	5~20

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