



# Safety Data Sheet

Issue Date: 01-Sep-2012

Revision Date: 01-Jan-2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 51932 Silicone Emulsion

### Other means of identification

**SDS #** 51932

**Product Code** 51932

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial Silicone Emulsion mold release and lubricant

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Slide Products Inc.  
430 S. Wheeling Road  
Wheeling, IL 60090

### Emergency Telephone Number

**Company Phone Number** Phone: 1-847-541-7220  
Fax: 1-847-541-7986  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Milky white dispersion      **Physical State** Liquid      **Odor** Low

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name        | CAS No     | Weight-% |
|----------------------|------------|----------|
| Water                | 7732-18-5  | 60-70    |
| Polydimethylsiloxane | 63148-62-9 | 30-40    |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

**Eye Contact** Rinse with cool clean water.  
**Skin Contact** Wash with soap and water.  
**Inhalation** Remove to fresh air.

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|                  |  |
|------------------|--|
| <b>Ingestion</b> | Do not induce vomiting without medical advice. |
|------------------|--|

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Ingestion causes nausea. Causes temporary eye irritation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Unsuitable Extinguishing Media</b> | Not determined. |
|---------------------------------------|-----------------|

**Specific Hazards Arising from the Chemical**

Not determined.

|                                      |   |
|--------------------------------------|---|
| <b>Hazardous Combustion Products</b> | Thermal decomposition may produce CO, CO <sub>2</sub> and Si <sub>2</sub> . |
|--------------------------------------|---|

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|--|

**Methods and material for containment and cleaning up**

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

|                             |  |
|-----------------------------|--|
| <b>Methods for Clean-Up</b> | Apply absorbent and discard in accordance with local, state and federal regulations. |
|-----------------------------|--|

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|--|

**Conditions for safe storage, including any incompatibilities**

|                           |  |
|---------------------------|--|
| <b>Storage Conditions</b> | Store away from incompatible materials. Do not store at temperatures above 49°C/120°F. |
|---------------------------|--|

|                               |                          |
|-------------------------------|--------------------------|
| <b>Incompatible Materials</b> | Strong oxidizing agents. |
|-------------------------------|--------------------------|

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Mechanical ventilation is recommended. Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Proper eye care should be practiced in all industrial operations.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** A respirator is not needed under normal and intended conditions of product use.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                                     |                          |                                |                                  |
|-------------------------------------|--------------------------|--------------------------------|----------------------------------|
| <b>Physical State</b>               | Liquid                   | <b>Odor</b>                    | Low                              |
| <b>Appearance</b>                   | Milky white dispersion   | <b>Odor Threshold</b>          | Not determined                   |
| <b>Color</b>                        | Milky white              |                                |                                  |
| <b><u>Property</u></b>              | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |                                  |
| <b>pH</b>                           | Not determined           |                                |                                  |
| <b>Melting Point/Freezing Point</b> | 0 °C / 32 °F             |                                |                                  |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F          |                                |                                  |
| <b>Flash Point</b>                  | 301.7 °C / 575 °F        |                                | Pensky-Martens Closed Cup (PMCC) |
| <b>Evaporation Rate</b>             | Slow                     |                                |                                  |
| <b>Flammability (Solid, Gas)</b>    | Liquid- Not applicable   |                                |                                  |
| <b>Upper Flammability Limits</b>    | Not determined           |                                |                                  |
| <b>Lower Flammability Limit</b>     | Not determined           |                                |                                  |
| <b>Vapor Pressure</b>               | <0.1                     |                                | @ 21 °C (70 °F)                  |
| <b>Vapor Density</b>                | <1                       |                                | (Air=1)                          |
| <b>Specific Gravity</b>             | 0.99 mm Hg @ 25°C (77°F) |                                | (Water = 1)                      |
| <b>Water Solubility</b>             | Completely miscible      |                                |                                  |
| <b>Solubility in other solvents</b> | Not determined           |                                |                                  |
| <b>Partition Coefficient</b>        | Not determined           |                                |                                  |
| <b>Auto-ignition Temperature</b>    | Not determined           |                                |                                  |
| <b>Decomposition Temperature</b>    | Not determined           |                                |                                  |
| <b>Kinematic Viscosity</b>          | Not determined           |                                |                                  |
| <b>Dynamic Viscosity</b>            | Not determined           |                                |                                  |
| <b>Explosive Properties</b>         | Not determined           |                                |                                  |
| <b>Oxidizing Properties</b>         | Not determined           |                                |                                  |
| <b>VOC Content (%)</b>              | 65%                      |                                |                                  |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to Avoid**

Incompatible Materials. Extreme temperatures.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition may produce CO, CO2 and Si2.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

**Component Information**

| Chemical Name                      | Oral LD50         | Dermal LD50         | Inhalation LC50 |
|------------------------------------|-------------------|---------------------|-----------------|
| Polydimethylsiloxane<br>63148-62-9 | > 17 g/kg ( Rat ) | > 2 g/kg ( Rabbit ) | -               |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

### 14. TRANSPORT INFORMATION

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

### 15. REGULATORY INFORMATION

#### International Inventories

| Chemical Name        | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Water                | Present | X   |      | Present |        |         | X     | Present | X     | X    |
| Polydimethylsiloxane | Present | X   |      |         |        | Present | X     | Present | X     | X    |

#### Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

#### US Federal Regulations

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

**HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**

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**Issue Date:** 01-Sep-2012  
**Revision Date:** 01-Jan-2015  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

**End of Safety Data Sheet**