1. IDENTIFICATION

Product Identifier
Product Name Slide Econo-Mist Silicone MR

Other means of identification
SDS # 41612N
UN/ID No UN1950
Product Code 41612N
Synonyms Dimethylpolysiloxane
Slide Econo-Mist
Other Information Formula: 53126.

Recommended use of the chemical and restrictions on use
Recommended Use Mold Release.

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 INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th></th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Dermal</td>
<td>4</td>
</tr>
<tr>
<td>Flammable Aerosols</td>
<td>2</td>
</tr>
</tbody>
</table>

Signal word Warning

Hazard statements
Harmful in contact with skin
Flammable aerosol
Pressurized container: May burst if heated
Appearance Clear, oily, colorless liquid  
Physical state Aerosol  
Odor Slight ether

Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor/physician if you feel unwell
Wash contaminated clothing before reuse

Precautionary Statements - Storage
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not Applicable

Other Information
Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
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<tbody>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>55-65</td>
<td>*</td>
</tr>
<tr>
<td>1,1 difluoroethane</td>
<td>75-37-6</td>
<td>35-45</td>
<td>*</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>1-5</td>
<td>*</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Skin Contact Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Call a physician if you feel unwell.
Most important symptoms and effects, both acute and delayed

Symptoms  In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area.

Indication of any immediate medical attention and special treatment needed

Note to physicians  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media  Dry chemical. Carbon dioxide (CO2). Foam.

Unsuitable Extinguishing Media  Not determined.

Specific hazards arising from the chemical  Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: 18” extension at 70 F.

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

Personal precautions  Use personal protective equipment as required.

Environmental precautions  See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment  Remove leaking container to outside disposal site. Remove all sources of ignition.

Methods for cleaning up  Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not drop. Do not spray on floors.

Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Do not store at temperatures above 120 F.

Incompatible materials  Powdered or alkaline earth metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines
Appropriate engineering controls

Engineering Controls
Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection
Proper eye care is needed in all industrial operations.

Skin and body protection
Protective gloves are not required, but recommended.

Respiratory protection
No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
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</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
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</tr>
<tr>
<td>Appearance</td>
<td>Clear, oily, colorless liquid</td>
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</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td></td>
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<tr>
<td>Odor</td>
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<td>Odor threshold</td>
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</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
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<td>pH</td>
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<td>Boiling point/boiling range</td>
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<tr>
<td>Flash point</td>
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<td>Evaporation rate</td>
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<td>Flammability Limits in Air</td>
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<tr>
<td>Lower flammability limit</td>
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<tr>
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<td>Solubility in other solvents</td>
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<tr>
<td>Partition coefficient</td>
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<td>Autoignition temperature</td>
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<tr>
<td>Decomposition temperature</td>
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<tr>
<td>Kinematic viscosity</td>
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<tr>
<td>Dynamic viscosity</td>
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<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
<td>Not determined</td>
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</tbody>
</table>

Other Information

VOC Content (%) 97%

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.

Conditions to avoid
Open flames. Avoid high temperatures.

Incompatible materials
Powdered or alkaline earth metals.

Hazardous Decomposition Products
Hydrogen fluoride and other fluorine compounds.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

**Product Information**

- **Inhalation**: Avoid breathing vapors or mists.
- **Eye contact**: Avoid contact with eyes.
- **Skin Contact**: Harmful in contact with skin.
- **Ingestion**: Do not taste or swallow.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
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<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>-</td>
<td>-</td>
<td>308.5 mg/L (Rat) 4 h</td>
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<tr>
<td>Polydimethylsiloxane</td>
<td>&gt; 17 g/kg (Rat)</td>
<td>&gt; 2 g/kg (Rabbit)</td>
<td>-</td>
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</tbody>
</table>

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

**Symptoms**
In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area.

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

**Carcinogenicity**
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity- Product**

Not determined

The following values are calculated based on chapter 3.1 of the GHS document.

- **ATEmix (oral)**: 16667 mg/kg
- **ATEmix (dermal)**: 2000 mg/kg
- **ATEmix (inhalation-dust/mist)**: 308.5 mg/l

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Contains no ozone depleting chemicals.

**Persistence and degradability**  
Not determined.

**Bioaccumulation**  
Not determined.

**Mobility**  
Not determined.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
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<tbody>
<tr>
<td>Dimethyl ether</td>
<td>0</td>
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</table>

**Other adverse effects**  
Not determined

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**  
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**  
Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

**Note**  
Based on package size, product may be eligible for limited quantity exception

**DOT**

- **UN/ID No**: UN1950  
- **Proper shipping name**: Aerosols  
- **Hazard Class**: 2.1

**IATA**

- **UN/ID No**: UN1950  
- **Proper shipping name**: Aerosols, flammable  
- **Hazard Class**: 2.1

**IMDG**

- **UN/ID No**: UN1950  
- **Proper shipping name**: Aerosols  
- **Hazard Class**: 2.1
15. REGULATORY INFORMATION

International Inventories
TSCA Listed

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

US Federal Regulations

SARA 311/312 Hazard Categories

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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<tr>
<td>Dimethyl ether</td>
<td>X</td>
<td>X</td>
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<tr>
<td>115-10-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,1 difluoroethane</td>
<td>X</td>
<td>X</td>
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</tr>
<tr>
<td>75-37-6</td>
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U.S. EPA Label Information

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
<th>Personal protection</th>
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<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards</td>
<td>Flammability</td>
<td>Physical hazards</td>
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<td>Issue Date</td>
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<td>Revision Date</td>
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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