1. IDENTIFICATION

Product Identifier
Product Name Slide Polycarbonate Mold Release
Other means of identification
SDS # 41412N
Product Code 41412N
UN/ID No UN1950
Other Information Formula: 53125.

Recommended use of the chemical and restrictions on use
Recommended Use Industrial 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 (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, oily, colorless liquid
Physical State Aerosol
Odor No odor

Classification
- Flammable Aerosols Category 2
- Gases Under Pressure Compressed Gas

Signal Word Warning

Hazard Statements
- Flammable Aerosol
Contains gas under pressure; may explode if heated

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

Unknown Acute Toxicity
4% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>45-55</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>811-97-2</td>
<td>45-55</td>
</tr>
<tr>
<td>Paintable Silicone Fluid</td>
<td>Proprietary</td>
<td>1-10</td>
</tr>
</tbody>
</table>

**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 thoroughly with plenty of water, also under the eyelids. Call a physician.

- **Skin Contact**
  Wash with soap and water.

- **Inhalation**
  Remove to fresh air.

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

Most important symptoms and effects

- **Symptoms**
  Headache. Dizziness. Nausea. Concentrated spray may cause freezing of skin area. Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

- **Notes to Physician**
  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. Pressurized container: May burst if heated. Product is not flammable by aerosol Standards.

- **Hazardous Combustion Products**
  Hydrogen fluoride and other fluorine compounds.

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.

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

**Methods for Containment**  Remove all sources of ignition.

**Methods for Clean-Up**  Keep in suitable, closed containers for disposal.

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7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling**  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. Do not drop, puncture, or incinerate. 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 expose to temperatures exceeding 50 °C/122°F.

**Incompatible Materials**  Powdered or alkaline earth metals.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**  No exposure limits noted for ingredient(s)

**Appropriate engineering controls**

**Engineering Controls**  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**  Ensure adequate ventilation, especially in confined areas.

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

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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>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, oily, colorless liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>No odor</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -46 °C / &lt; -50 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>
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**
  Hazardous polymerization does not occur.

**Conditions to Avoid**
High heat or open flames.

**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**

- **Eye Contact**
  Avoid contact with eyes.

- **Skin Contact**
  Avoid contact with skin.

- **Inhalation**
  Do not inhale.

- **Ingestion**
  Do not ingest.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>-</td>
<td>-</td>
<td>= 308.5 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>
### 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

**Unknown Acute Toxicity**
4% of the mixture consists of ingredient(s) of unknown toxicity.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**
Not determined.

**Bioaccumulation**
Not determined.

**Mobility**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>-0.18</td>
</tr>
<tr>
<td>115-10-6</td>
<td></td>
</tr>
</tbody>
</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**
Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

**Note**
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

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

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>Paintable Silicone Fluid</td>
<td>Present</td>
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<td>Present</td>
<td>Present</td>
<td>X</td>
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<td>Present</td>
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</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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<tbody>
<tr>
<td>Dimethyl ether</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>115-10-6</td>
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## 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<tr>
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<td>Not determined</td>
<td>Not determined</td>
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</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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**Issue Date:** 01-Sept-2012  
**Revision Date:** 06-Sept-2018  
**Revision Note:** Regulatory update

**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