# 1. IDENTIFICATION

**Product Identifier**

**Product Name**
Slide Regular Silicone Mold Release

**Other means of identification**

<table>
<thead>
<tr>
<th>SDS #</th>
<th>40112NC-DME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>40112NC-DME</td>
</tr>
<tr>
<td>Synonyms</td>
<td>None</td>
</tr>
<tr>
<td>UN/ID No</td>
<td>UN1950</td>
</tr>
</tbody>
</table>

**Recommended use of the chemical and restrictions on use.**

**Recommended Use**
Industrial mold release

**Uses Advised Against**
Use only under manufacturer's instructions

**Details of the supplier of the safety data sheet**

<table>
<thead>
<tr>
<th>Initial Supplier Address</th>
<th>Manufacturer Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>DME Moulding Supplies</td>
<td>Slide Products Inc.</td>
</tr>
<tr>
<td>6210 Northwest Drive</td>
<td>430 S. Wheeling Road</td>
</tr>
<tr>
<td>Mississauga, Ontario L4V 1J6</td>
<td>Wheeling, IL 60090</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emergency Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial supplier phone number</td>
</tr>
<tr>
<td>Emergency Telephone (24 hr)</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

# 2. HAZARDS IDENTIFICATION

**Appearance**
Cream-colored, oily liquid

**Physical state**
Aerosol.

**Odour**
Sweet, Ether

**Classification**

<table>
<thead>
<tr>
<th>Flammable Aerosols</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases under pressure</td>
<td>Compressed Gas</td>
</tr>
</tbody>
</table>

**Label Elements**

**Signal word**
Warning

**Hazard statements**
Flammable Aerosol
Contains gas under pressure; may explode if heated
Precautionary Statements - Prevention
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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
Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>47</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>811-97-2</td>
<td>47</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>6</td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First Aid Measures

General advice          When symptoms persist or in all cases of doubt seek medical advice.
Eye contact             Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact            Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
Inhalation              Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel.
Ingestion               Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects

Symptoms                Causes asphyxiation in high concentrations. When heated, mists of this product may irritate nasal passages. If product is sprayed directly on skin, symptoms of frostbite may be experienced including numbness, pricking, and itching. This product has laxative properties and may result in abdominal cramps and diarrhea.

Indication of any immediate medical attention and special treatment needed

Note to doctors          Treat symptomatically.
5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
Extremely flammable. Pressurised container: May burst if heated. Heat may cause the containers to explode. Combustion products may be toxic.

Hazardous Combustion Products

Explosion Data
Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.

Special protective equipment for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. Move containers from fire area if you can do it without risk. Cool containers exposed to fire with water. Do not allow run-off from firefighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment as required. Refer to protective measures listed in sections 7 and 8. Keep people away from and upwind of spill/leak. Ventilate affected area. Remove all sources of ignition.

Environmental precautions

Environmental precautions
Do not allow material to contaminate ground water system. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Use only non-sparking tools. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. For waste disposal, see section 13 of the SDS.

Prevention of secondary hazards
Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only in well-ventilated areas. Use personal protection recommended in Section 8. Do not breathe vapors or spray mist. Avoid contact with skin and eyes. Wash thoroughly after handling. Empty containers may contain flammable vapors/residue.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Keep away from heat. Inspect containers periodically for defects. Protect container from physical damage.
### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Canada - Alberta - Occupational Exposure Limits - Ceilings</th>
<th>Canada - British Columbia - Occupational Exposure Limits - Ceilings</th>
<th>Canada - Ontario - Occupational Exposure Limits - Ceilings</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>TWA: 1000 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering controls**

Local exhaust ventilation recommended. Eyewash stations. Showers.

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

**Eye/face protection**

Wear splash proof or dust proof safety goggles wherever there is a potential for eye contact.

**Hand protection**

Use impervious gloves.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations**

Do not breathe vapour or mist. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Take off all contaminated clothing and wash before reuse.

### 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>Cream-colored, oily liquid</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Cream</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Sweet Ether</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -45.6 °C / &lt; -50 °F</td>
<td>(concentrate)</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Flammable aerosol</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>25.0%</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>4.0%</td>
<td></td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapour Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Partially soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under normal conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerisation
Hazardous polymerisation does not occur.

Conditions to Avoid
Avoid direct sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Do not puncture or incinerate cans.

Incompatible Materials

Hazardous Decomposition Products

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.

Information on physical, chemical and toxicological effects

Symptoms
Please see section 4 of this SDS for symptoms.

Acute Toxicity

Unknown acute toxicity
No information available

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</td>
<td>-</td>
<td>-</td>
<td>= 308.5 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>115-10-6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Chemical Name** | **Oral LD50** | **Dermal LD50** | **Inhalation LC50**
--- | --- | --- | ---
1,1,1,2-Tetrafluoroethane 811-97-2 | - | - | = 1500 g/m³ (Rat) 4 h
Polydimethylsiloxane 63148-62-9 | > 24 g/kg (Rat) > 17 g/kg (Rat) | > 2 g/kg (Rabbit) | -

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.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-Tetrafluoroethane 811-97-2</td>
<td>-</td>
<td>96 hour LC50-Rainbow Trout: 450 mg/L</td>
<td>48 hour EC50-Daphnia magna: 980 mg/L</td>
<td></td>
</tr>
</tbody>
</table>

**Persistence/Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>-0.18</td>
</tr>
</tbody>
</table>

**Other Adverse Effects**

This product contains Norflurane. Norflurane may contribute to the greenhouse effect when discharged into the atmosphere in large quantities. Norflurane has a 'Global Warming Potential' (GWP) of 1300 over a 100 year time horizon.

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

- **Waste from residues/unused products**: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
- **Contaminated packaging**: Do not reuse empty containers.

### 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.

**TDG**

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

International Regulations

Ozone-depleting substances (ODS)  Not applicable

Persistent Organic Pollutants  Not applicable

Export Notification requirements  Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/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>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</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
16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

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

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
Ceiling | Maximum limit value | * | Skin designation |

Issue Date: 09-Jan-2012
Revision Date: 15-Mar-2018
Revision Note: No information available.

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