1. Identification

Product identifier

Product Name  Slide Silicone Mold Release

Other means of identification

SDS #  40112N-MX

Product Code  40112N

Recommended use of the chemical and restrictions on use

Recommended Use  Industrial mold release

Details of the supplier of the safety data sheet

Manufacturer Address  Slide Products Inc.
430 Wheeling Road
Wheeling, IL 60090
Phone: 1-847-541-7220
Fax: 1-847-541-7986

Emergency telephone number

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

2. Hazard(s) identification

Classification

<table>
<thead>
<tr>
<th>Flammable aerosols</th>
<th>Category 2 -(H223)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas -(H280)</td>
</tr>
</tbody>
</table>

Label elements

Signal word  Warning

Hazard statements  
H223 - Flammable aerosol
H280 - Contains gas under pressure; may explode if heated
Precautionary Statements - Prevention
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Storage
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### 3. Composition/information on ingredients

Substance
Not applicable.

Mixture

<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>40-50</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>811-97-2</td>
<td>40-50</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>3-7</td>
</tr>
</tbody>
</table>

### 4. First-aid measures

Description of first aid measures

General advice
When symptoms persist or in all cases of doubt seek medical advice.

Inhalation
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel.

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

Skin contact
Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.

Ingestion
Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

### 5. Fire-fighting measures

Suitable Extinguishing Media

Unsuitable extinguishing media
None known.
Specific hazards arising from the chemical: Extremely flammable. Pressurized container: May burst if heated. Heat will cause the containers to explode. Combustion products will be toxic.


Explosion Data:
- Sensitivity to mechanical impact: None.
- Sensitivity to static discharge: None.

Special protective actions for firefighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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 vapor or mist. Avoid contact with skin and eyes. Wash thoroughly after handling. Empty containers will 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: 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

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.

Skin and body protection

Use impervious gloves. Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations

Do not breathe vapor 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>Color</td>
<td>Cream</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet Ether</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</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 °C / -50 °F</td>
<td></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 Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>25.0%</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>4.0%</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor 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>No data available</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Other information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Mixtures of vapor and air at concentrations in the flammable range may be ignited by a static discharge of sufficient energy</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Liquid Density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No data 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 Polymerization  Hazardous polymerization 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.

11. Toxicological information

Information on likely routes of exposure

Product Information

  Inhalation  Do not inhale.
  Eye contact  Avoid contact with eyes.
  Skin contact  Avoid contact with skin.
  Ingestion  Do not ingest.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms  Please see section 4 of this SDS for symptoms.

Acute toxicity

Numerical measures of toxicity

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

<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>164000 ppm ( Rat ) 4 h</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane 811-97-2</td>
<td>-</td>
<td>-</td>
<td>1500 g/m³ ( Rat ) 4 h</td>
</tr>
</tbody>
</table>

Unknown acute toxicity 47 % of the mixture consists of ingredient(s) of unknown toxicity
47 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
47 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
47 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
47 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
47 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)
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

Interactive effects Not classified.

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Not classified.

Respiratory or skin sensitization Not classified.

Germ cell mutagenicity Not classified.

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

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

Other information Not classified.

### 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.

<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>-</td>
<td>48 hour EC50-Daphnia magna: 980 mg/L</td>
</tr>
</tbody>
</table>

Persistence/Degradability No data available.

Bioaccumulation No data available.

Component Information

<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 waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

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

MEX

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.1

TDG

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.1

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.2

IATA

UN number UN1950
Proper Shipping Name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN number UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

15. Regulatory information

REGULATORY INFORMATION

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention 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>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
16. Other information

| 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 |

Legend:

**NFPA**
- Health hazards: Not determined
- Flammability: Not determined
- Instability: Not determined
- Physical and chemical properties: Not determined

**HMIS**
- Health hazards: Not determined
- Flammability: Not determined
- Physical hazards: Not determined
- Personal protection: Not determined

Key or legend to abbreviations and acronyms used in the safety data sheet:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
- TWA (time-weighted average)
- STEL (Short Term Exposure Limit)
- Ceiling
- Maximum limit value
- Skin designation

Key literature references and sources for data used to compile the SDS:
- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGL(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- RTECS (Registry of Toxic Effects of Chemical Substances)
- World Health Organization

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Revision Date: 14-Dec-2018

Revision Note: New format.

NOM-018-STPS-2015
The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.
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