

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

SDS # 40112N-EU  
Product Code 40112N  
Product Name Slide Regular Silicone Mold Release

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Industrial mold release

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Supplier

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

#### For further information, please contact

Contact Point Slide Products: 1-847-541-7220  
Email Address info@slideproducts.com

### 1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### Regulation (EC) No 1272/2008

Flammable Aerosols	Category 2
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#### Classification according to 67/548/EEC

Full text of R-phrases: see section 16

#### Hazard Symbols

F+ - Extremely flammable

#### R-code(s)

R12

### 2.2. Label Elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP].

**Signal Word**

Warning

**Hazard Statements**

H223 - Flammable aerosol

EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**

P210 - Keep away from heat/sparks/open flames/hot surfaces. — 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

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

**2.3. Other Hazards****General Hazards**

None known

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Dimethyl ether	Present	115-10-6	40-50	F+; R12	Flam. Gas 1 (H220) Press. Gas (H280)	Not determined
1,1,1,2-Tetrafluoroethane	Present	811-97-2	40-50	-	Not determined	Not determined
Polydimethylsiloxane	-	63148-62-9	3-7	Not classified	Not classified	Not determined

**Full text of R-phrases: see section 16****Full text of H- and EUH-phrases: see section 16****Additional Information**

Substances without a classification are included, because they have established occupational exposure limits. Substances which do not meet the criteria for classification are included in order to provide full disclosure of the product.

**Section 4: FIRST AID MEASURES****4.1. Description of 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 physician.

**Skin Contact**

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

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### **4.2. Most Important Symptoms and Effects, Both Acute and Delayed**

<b>Symptoms</b>	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, prickling, and itching. This product has laxative properties and may result in abdominal cramps and diarrhea.
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#### **4.3. Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### **Section 5: FIRE-FIGHTING MEASURES**

#### **5.1. Extinguishing Media**

##### **Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam. Water.

##### **Unsuitable Extinguishing Media**

None known.

#### **5.2. Special Hazards Arising from the Substance or Mixture**

Extremely flammable. Pressurized container: May burst if heated. Heat may cause the containers to explode. Combustion products may be toxic.

##### **Hazardous Combustion Products**

Carbon oxides. Formaldehyde. Hydrogen fluoride. Fluorine compounds.

#### **5.3. Advice for Firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

### **Section 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. 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.

##### **For Emergency Responders**

Use personal protection recommended in Section 8.

#### **6.2. Environmental Precautions**

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

#### **6.3. Methods and Material for Containment and Cleaning Up**

##### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

##### **Methods for Clean-Up**

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

**6.4. Reference to Other Sections**

See Section 13: DISPOSAL CONSIDERATIONS.

**Section 7: HANDLING AND STORAGE****7.1. 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. 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.

**General Hygiene Considerations**

Do not breathe vapors or spray 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 it before reuse.

**7.2. 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.

**7.3. Specific End Use(s)****Specific Use(s)**

Industrial mold release.

**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control Parameters****Exposure Limits**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Dimethyl ether 115-10-6	TWA 1000 ppm TWA 1920 mg/m <sup>3</sup>	STEL: 500 ppm STEL: 958 mg/m <sup>3</sup> TWA: 400 ppm TWA: 766 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> Ceiling / Peak: 8000 ppm Ceiling / Peak: 15200 mg/m <sup>3</sup>
1,1,1,2-Tetrafluoroethane 811-97-2		STEL: 3000 ppm STEL: 12720 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 4240 mg/m <sup>3</sup>			TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup> Ceiling / Peak: 8000 ppm Ceiling / Peak: 33600 mg/m <sup>3</sup>
Component	Italy	Portugal	Netherlands	Finland	Denmark
Dimethyl ether 115-10-6 ( 40-50 )	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>		STEL: 1500 mg/m <sup>3</sup> TWA: 950 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Dimethyl ether 115-10-6	STEL 2000 ppm STEL 3820 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 384 mg/m <sup>3</sup> STEL: 250 ppm STEL: 480 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
1,1,1,2-Tetrafluoroethane 811-97-2	STEL 4000 ppm STEL 16800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup>			

## 8.2. Exposure Controls

### Engineering Controls

Local exhaust ventilation recommended. Eyewash stations. Showers.

### Personal Protective Equipment

#### Eye/Face Protection

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

#### Hand Protection

Gloves impervious to the material are recommended.

#### Skin and Body Protection

Suitable protective clothing.

#### Respiratory Protection

In the case of vapour formation use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

#### Physical State

Aerosol

#### Appearance

Cream-colored, oily liquid

#### Color

Cream

#### Odor

Sweet Ether

#### Odor Threshold

Not determined

#### Property

#### Values

#### Remarks • Method

#### pH

No information available

#### Melting Point/Freezing Point

< -45.6 °C / <-50 °F

(concentrate)

#### Boiling Point/Boiling Range

No information available

#### Flash Point

No information available

#### Evaporation Rate

No information available

#### Flammability (Solid, Gas)

Flammable aerosol

#### Flammability Limits in Air

##### Upper Flammability Limits

25.0%

##### Lower Flammability Limit

4.0%

#### Vapor Pressure

No information available

#### Vapor Density

No information available

#### Relative Density

1.0

#### Water Solubility

Partially soluble

#### Solubility(ies)

Not determined

#### Partition Coefficient

No information available

#### Auto-ignition Temperature

No information available

#### Decomposition Temperature

Not determined

#### Kinematic Viscosity

Not determined

#### Dynamic Viscosity

No information available

#### Explosive Properties

Mixtures of vapor and air at concentrations in the flammable range may be ignited by a static discharge of sufficient energy

#### Oxidizing Properties

None known

### 9.2. Other information

#### VOC Content (%)

No information available



<b>Sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	None known based on information supplied.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

Chemical Name	Algae/aquatic plants	Fish	Crustacea
1,1,1,2-Tetrafluoroethane		96 hour LC50-Rainbow Trout: 450 mg/L	48 hour EC50-Daphnia magna: 980 mg/L

### 12.2. Persistence and Degradability

Not determined.

### 12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
Dimethyl ether	-0.18

### 12.4. Mobility in Soil

#### **Mobility**

Not determined.

### 12.5. Results of PBT and vPvB Assessment

Not determined.

### 12.6. 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.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

<b>Waste from Residues / Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORT INFORMATION

**IMDG**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1

**RID**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1

**ADR**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1

**ICAO (air)**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable
14.3 Hazard Class	2.1

**IATA**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable
14.3 Hazard Class	2.1

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

## Section 15: REGULATORY INFORMATION

**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**International Inventories**

Not determined.

TSCA	-
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

**Legend**

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

**15.2. Chemical Safety Assessment**

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No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## Section 16: OTHER INFORMATION

### Full text of R-phrases referred to under sections 2 and 3

R12 - Extremely flammable

### Full text of H-Statements referred to under sections 2 and 3

H220 - Extremely flammable gas

H280 - Contains gas under pressure; may explode if heated

### **Classification Procedure**

Calculation method

**Issue Date:** 09-Jan-2012

**Revision Date:** 01-Jan-2015

**Revision Note:** New format.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010**

### **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**