

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

### 1.1. Product Identifier

SDS # 42112N-EU  
Product Code 42112N  
Product Name SSL Mold Release

Synonyms Slide SSL Mold Release  
Dimethylpolysiloxane Solution

Formula 53114

### 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 USA

#### 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

#### R-code(s)

R10

### 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	55-65	F+; R12	Flam. Gas 1 (H220) Press. Gas (H280)	Not determined
1,1 difluoroethane	Present	75-37-6	20-40	F+; R12	Liq. Gas (H280) Flam. Gas 1 (H220)	Not determined
Polydimethylsiloxane	-	63148-62-9	1-10	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 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**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms** Inhalation symptoms may include dizziness and headache. Nausea. Concentrated spray may cause freezing of skin area. Direct contact with eyes may cause temporary irritation.

**4.3. Indication of any Immediate Medical Attention and Special Treatment Needed**

**Notes to Physician** Treat symptomatically.

**Section 5: FIRE-FIGHTING MEASURES****5.1. Extinguishing Media****Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media**

Not determined.

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

Aerosol flame projection test: 18" flame projection. Aerosols may rupture violently at temperatures above 120 F.

**Hazardous Combustion Products**

Hydrogen fluoride and other 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.

**For Emergency Responders**

Use personal protection recommended in Section 8.

**6.2. Environmental Precautions**

See Section 12 for additional Ecological Information.

**6.3. 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 Clean-Up**

Keep in suitable, closed containers for disposal.

**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. Do not drop, puncture, or incinerate. Do not spray on floors.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for Safe Storage, Including any Incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not expose to temperatures exceeding 50 °C/122°F. Protect from direct sunlight.

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

Industrial mold release and lubricant.

**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**

Threshold Limit Value: 1000 ppm.

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>
Component	Italy	Portugal	Netherlands	Finland	Denmark
Dimethyl ether 115-10-6 ( 55-65 )	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>

**8.2. Exposure Controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Personal Protective Equipment****Eye/Face Protection**

Proper eye care is needed in all industrial operations.

**Hand Protection**

Protective gloves are not required, but recommended.

**Skin and Body Protection**

Suitable protective clothing.

**Respiratory Protection**

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

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on Basic Physical and Chemical Properties****Physical State**

Aerosol

**Appearance**

Clear, oily, colorless liquid

**Odor**

No odor

**Color**

Colorless

**Odor Threshold**

Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	< -45 °C / <-50 °F	
Boiling Point/Boiling Range	Not available	
Flash Point	Not applicable	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Flammable aerosol	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not available	
Vapor Density	Not available	
Relative Density	0.81	(Water = 1)
Water Solubility	Not soluble	
Solubility(ies)	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**9.2. Other information**

Density Weight per gallon: 6.79

**Section 10: STABILITY AND REACTIVITY**
**10.1. Reactivity**

Not reactive under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of Hazardous Reactions****Hazardous Polymerization**

Hazardous polymerization does not occur.

**Possibility of Hazardous Reactions**

None under normal processing.

**10.4. Conditions to Avoid**

High heat or open flames.

**10.5. Incompatible Materials**

Powdered or alkaline earth metals.

**10.6. Hazardous Decomposition Products**

Hydrogen fluoride and other fluorine compounds.

**Section 11: TOXICOLOGICAL INFORMATION**
**11.1. Information on Toxicological Effects****Acute Toxicity****Product Information****Eye Contact**

Avoid contact with eyes.

<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

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

Dermal LD50	20,000.00
Units	mg/kg
Inhalation	
Vapor	514.20
Units	mg/L

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether			= 308.5 mg/L ( Rat ) 4 h
Polydimethylsiloxane	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<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.

**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**

Not determined.

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste Treatment Methods**

**Waste from Residues / Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

**Section 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

**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

**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**

TSCA Listed  
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/NDL - 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**

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  
R10 - 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:** 01-Sep-2012  
**Revision Date:** 01-May-2018  
**Revision Note:** New product name and classification

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