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Version 1

**1. IDENTIFICATION****Product Identifier****Product Name** Slide Econo-Mist Silicone MR**Other means of identification****SDS #** 41612N**UN/ID No** UN1950  
**Product Code** 41612N  
**Synonyms** Dimethylpolysiloxane  
Slide Econo-Mist**Other Information** Formula: 53126.**Recommended use of the chemical and restrictions on use****Recommended Use** 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** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)**2. HAZARDS IDENTIFICATION****Classification**

Acute toxicity - Dermal	Category 4
Flammable Aerosols	Category 2

**Signal word****Warning****Hazard statements**Harmful in contact with skin  
Flammable aerosol  
Pressurized container: May burst if heated



**Appearance** Clear, oily, colorless liquid

**Physical state** Aerosol

**Odor** Slight ether

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection  
 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 - Response**

IF ON SKIN: Wash with plenty of soap and water  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 Wash contaminated clothing before reuse

**Precautionary Statements - Storage**

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

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Other Information**

Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**

Dimethylpolysiloxane  
 Slide Econo-Mist.

**Chemical Family**

Silicone.

Chemical Name	CAS No	Weight-%	Trade Secret
Dimethyl ether	115-10-6	55-65	*
1,1 difluoroethane	75-37-6	35-45	*
Polydimethylsiloxane	63148-62-9	1-5	*

### 4. FIRST AID MEASURES

**First aid measures**

**Inhalation**

Remove to fresh air.

**Eye contact**

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

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Skin Contact**

Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Call a physician if you feel unwell.

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**Most important symptoms and effects, both acute and delayed**

**Symptoms** In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media** Not determined.

**Specific hazards arising from the chemical**

Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: 18" extension at 70 F.

**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.

**Environmental precautions** See Section 12 for additional ecological information.

**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 cleaning up** Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not drop. 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 store at temperatures above 120 F.

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines****Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. 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**

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

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Aerosol	<b>Odor</b>	Slight ether
<b>Appearance</b>	Clear, oily, colorless liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	clear		

**Property****Values****Remarks • Method**

<b>pH</b>	Not determined	
<b>Melting point/freezing point</b>	< -45.6 °C / <-50 °F	
<b>Boiling point/boiling range</b>	Not available	
<b>Flash point</b>	Not applicable	
<b>Evaporation rate</b>	Not available	
<b>Flammability (solid, gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	Not determined	
<b>Lower flammability limit</b>	Not determined	
<b>Vapor pressure</b>	Not available	
<b>Vapor density</b>	Not available	
<b>Specific Gravity</b>	0.75	
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive properties</b>	Not determined	
<b>Oxidizing properties</b>	Not determined	

**Other Information**

<b>VOC Content (%)</b>	97%
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**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.

**Conditions to avoid**

Open flames. Avoid high temperatures.

**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**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Harmful in contact with skin.
<b>Ingestion</b>	Do not taste or swallow.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether 115-10-6	-	-	308.5 mg/L ( Rat ) 4 h
Polydimethylsiloxane 63148-62-9	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	-

**Information on physical, chemical and toxicological effects**

**Symptoms** In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity- Product**

Not determined

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

<b>ATEmix (oral)</b>	1667 mg/kg
<b>ATEmix (dermal)</b>	2000 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	308.5 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal Contains no ozone depleting chemicals.

**Persistence and degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

Chemical Name	Partition coefficient
Dimethyl ether 115-10-6	0

**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**

Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

**Note**

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

**DOT**

(each not exceeding 1 L capacity)

**UN/ID No**

UN1950

**Proper shipping name**

Aerosols

**Hazard Class**

2.1

**IATA**

**UN/ID No**

UN1950

**Proper shipping name**

Aerosols, flammable

**Hazard Class**

2.1

**IMDG**

**UN/ID No**

UN1950

**Proper shipping name**

Aerosols

**Hazard Class**

2.1

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Listed

#### 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

### US Federal Regulations

### SARA 311/312 Hazard Categories

### US State Regulations

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dimethyl ether 115-10-6	X	X	X
1,1 difluoroethane 75-37-6	X	X	

### U.S. EPA Label Information

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards Not</b>
	Not determined	Not determined	Not determined	determined <b>Personal</b>
<b>HMIS</b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>protection B</b>
	1	3	0	

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**Revision Note**

new format

#### 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**