

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Slide Knockout Mold Release

**Other means of identification**

**SDS #** 46612N-CA

**Product Code** 46612N  
**Synonyms** Slide Special Paintable  
 Polyalkylene Glycol

**UN/ID No** UN1950

**Other Information** Formula: 55012

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

**Recommended Use** Industrial mold release

**Uses Advised Against** No information available

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

**Initial supplier identifier**  
 THIS SAFETY DATA SHEET  
 IS NOT COMPLIANT UNLESS  
 CANADIAN ADDRESS IS USED

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

**Emergency telephone number**

**Initial supplier phone number** Please enter Initial Suppliers Phone Number here  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, oily, colorless liquid    **Physical state** Aerosol    **Odor** No odor

**Classification**

Aerosols	Category 2
Gases under pressure	Compressed gas

**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 pierce or burn, even after use

Do not spray on an open flame or other ignition source

**Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place

Do not expose to temperatures exceeding 50 °C/122 °F

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture****Synonyms**

Slide Special Paintable

Polyalkylene Glycol.

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Dimethyl ether	115-10-6	55-65	-	-
1,1 difluoroethane	75-37-6	30-40	-	-
Polyalkylene Glycol	9003-13-8	1-5	-	-

### 4. FIRST AID MEASURES

**Description of first aid measures****Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.

**Skin contact**

Wash with soap and water.

**Inhalation**

Remove to fresh air.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**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.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Foam.
<b>Unsuitable extinguishing media</b>	Not determined.
<b>Specific hazards arising from the chemical</b>	Aerosol flame projection test: 18" flame projection. Aerosols may rupture violently at temperatures above 120 F.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	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.

### Environmental precautions

**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.

**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. Do not drop, puncture, or incinerate. 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. Do not expose to temperatures exceeding 50 °C/122 °F. Protect from direct sunlight.

**Incompatible materials** Powdered or alkaline earth metals

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical name	Canada - Alberta - Occupational Exposure Limits - Ceilings	Canada - British Columbia - Occupational Exposure Limits - Ceilings	Canada - Ontario - Occupational Exposure Limits - Ceilings	Quebec
Dimethyl ether 115-10-6		TWA: 1000 ppm		

### Appropriate engineering controls

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

### 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>Appearance</b>	Clear, oily, colorless liquid
<b>Color</b>	Colorless
<b>Odor</b>	No odor
<b>Odor Threshold</b>	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting point / freezing point</b>	< -45 °C / <-50 °F	
<b>Boiling point / boiling range</b>	Not available	
<b>Flash point</b>	Not applicable	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Flammable aerosol	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not determined	
<b>Lower flammability or explosive limits</b>	Not determined	
<b>Vapor Pressure</b>	Not available	
<b>Vapor Density</b>	>1	(air = 1)
<b>Relative Density</b>	0.81	
<b>Water Solubility</b>	Not determined	
<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.	

**Oxidizing properties** Not determined.

**Other information**

**Softening Point** Not determined  
**Molecular weight** Not determined  
**VOC Content (%)** Not determined  
**Liquid Density** Weight per gallon: 6.79  
**Bulk density** Not determined

## 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** High heat or open flames.

**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**

**Eye contact** Avoid contact with eyes.

**Skin contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**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**

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

**ATEmix (oral)** 5,840.00  
**ATEmix (dermal)** 13,340.00

**Unknown acute toxicity** No information available

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether 115-10-6	-	-	= 164000 ppm ( Rat ) 4 h
Polyalkylene Glycol 9003-13-8	= 5840 mg/kg ( Rat ) = 9100 mg/kg ( Rat )	= 21200 µL/kg ( Rabbit ) = 13340 mg/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**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dimethyl ether 115-10-6	-	4.1: 96 h Poecilia reticulata g/L LC50 semi- static	-	-

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility**

Chemical name	Partition coefficient
Dimethyl ether 115-10-6	-0.18

**Other Adverse Effects** No information available.

## 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

**DOT**

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

**MEX**

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

**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**

Chemical name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Dimethyl ether	X	X	X	X	X	X	X	X
1,1 difluoroethane	X	X	X	X	X	X	X	X
Polyalkylene Glycol	X	X	X		X	X	X	X

**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**

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

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

**Revision Date:** 31-Jan-2020

**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**