

1. IDENTIFICATION

Product identifier

Product Name Slide Heavy Duty 10% Mold Release

Other means of identification

SDS # 54912-CA

Product Code 54912

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	1-15	-	-

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

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

Physical state	Aerosol
Appearance	Clear, oily, colorless liquid
Color	Colorless
Odor	No odor
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 determined	
Flammability (Solid, Gas)	Flammable aerosol	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not available	
Vapor Density	>1	(air = 1)
Relative Density	0.81	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive properties	Not determined.	

Oxidizing properties	Not determined.
<u>Other information</u>	
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

NFPA	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 3	Physical hazards 0	Personal Protection 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