

1. IDENTIFICATION

Product Identifier**Product Name** Slide Urethane Mold Release**Other means of identification****SDS #** 45812H**Product Code** 45812H**Synonyms** Slide Urethane Release
Organo Functional Silicone Polymer.**UN/ID No** UN1950**Other Information** Formula: 60044.**Recommended use of the chemical and restrictions on use****Recommended Use** Industrial 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 (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, oily, colorless liquid**Physical State** Aerosol**Odor** Slight ether**Classification**

Flammable Aerosols

Category 2

Signal Word

Warning

Hazard Statements

Flammable Aerosol

**Precautionary Statements - Prevention**

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 - Storage

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Slide Urethane Release
Organo Functional Silicone Polymer.

| Chemical Name | CAS No | Weight-% |
|------------------------------------|-------------|----------|
| Dimethyl ether | 115-10-6 | 45-55 |
| 1,1 difluoroethane | 75-37-6 | 30-40 |
| Organo Functional Silicone Polymer | Proprietary | 1-8 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**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

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

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**Dry chemical. Carbon dioxide (CO₂). 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.

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

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| 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. |

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

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|--------------------------------|--|
| 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. |
|--------------------------------|--|

Conditions for safe storage, including any incompatibilities

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| 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 | Strong oxidizing agents. Water. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| <u>Exposure Guidelines</u> | Threshold Limit Value: 1000 ppm |
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Appropriate engineering controls

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| Engineering Controls | Apply technical measures to comply with the occupational exposure limits. |
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Individual protection measures, such as personal protective equipment

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| 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 | Odor | Slight ether |
| Appearance | Clear, oily, colorless liquid | Odor Threshold | Not determined |
| Color | Colorless | | |

| <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 | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not available | |
| Vapor Density | >1 | (Air=1) |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------------|-------------------------|-------------------------|
| Specific Gravity | 0.81 | (Water = 1) |
| Water Solubility | Partially soluble | |
| Solubility in other solvents | 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 | |
| Density | Weight per gallon: 6.79 | |

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.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Open flames and hot glowing objects.

Incompatible Materials

Strong oxidizing agents. Water.

Hazardous Decomposition Products

None known based on information supplied.

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.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------|-----------|-------------|--------------------------|
| Dimethyl ether 115-10-6 | - | - | = 308.5 mg/L (Rat) 4 h |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

| Chemical Name | Partition Coefficient |
|----------------------------|-----------------------|
| Dimethyl ether 115-10-6 | -0.18 |

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

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

(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

| Chemical Name | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|------------------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Dimethyl ether | Present | X | | Present | | Present | X | Present | X | X |
| 1,1 difluoroethane | Present | X | | Present | | Present | X | Present | X | X |
| Organo Functional Silicone Polymer | Present | X | | Present | | | X | Present | 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

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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 | |

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| 16. OTHER INFORMATION |
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NFPA**Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

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Issue Date: 01-Sep-2012**Revision Date:** 01-Jan-2015**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