

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** New Slide Dura-Kote Aerosol

**Other means of identification**

**SDS #** 41712

**Product Code** 41712

**Synonyms** Epoxy-Dri.

**UN/ID No** UN1950

**Other Information** Formula: 41712.

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

**Recommended Use** Aerosol spray lubricant.

**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** Water-white mobile liquid

**Physical State** Aerosol

**Odor** Mild hydrocarbon

**Classification**

|                        |             |
|------------------------|-------------|
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity        | Category 2  |
| Flammable Aerosols     | Category 2  |

**Signal Word**

**Danger**

**Hazard Statements**

May cause genetic defects  
Suspected of causing cancer  
Flammable Aerosol



**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 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 exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up  
 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

**Other Hazards**

Very toxic to aquatic life with long lasting effects

**Unknown Acute Toxicity**

2.7% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Epoxy-Dri.

| Chemical Name             | CAS No      | Weight-% |
|---------------------------|-------------|----------|
| Dimethyl ether            | 115-10-6    | 40-50    |
| 1,1,1,2-Tetrafluoroethane | 811-97-2    | 40-50    |
| Isopropyl alcohol         | 67-63-0     | 1-10     |
| Trade Secret              | Proprietary | <5       |
| Trade Secret              | Proprietary | <1       |
| Trade Secret              | Proprietary | <1       |

\*\*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**

|                       |   |
|-----------------------|---|
| <b>General Advice</b> | If exposed or concerned: Get medical advice/attention.                                      |
| <b>Eye Contact</b>    | If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. |
| <b>Skin Contact</b>   | Wash with soap and water. Apply hand cream.   |
| <b>Inhalation</b>     | Remove to fresh air.  |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.                                |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Inhalation may cause giddiness or nausea. May cause skin irritation and defatting of skin with repeated/prolonged contact. |
|-----------------|--|

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

**Notes to Physician** Treat symptomatically.

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis. Aerosols may rupture violently at temperatures above 120 F. Product is not flammable by aerosol Standards.

**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.

**Methods and material for containment and cleaning up**

**Methods for Containment** Remove all sources of ignition.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

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

**Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Do not puncture or incinerate cans. Avoid over-spraying onto floors-slippery surface may result. 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**

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

**Incompatible Materials** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH  |
|------------------------------|-------------------------------|---|---|
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |
| Trade Secret                 | TWA: 100 ppm                  | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m <sup>3</sup>   | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup>         |
| Trade Secret                 | STEL: 150 ppm<br>TWA: 100 ppm | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m <sup>3</sup>  | -   |
| Trade Secret                 | TWA: 20 ppm                   | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m <sup>3</sup>  | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup>   |

### 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** Ensure adequate ventilation, especially in confined areas.

**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>           | Mild hydrocarbon |
| <b>Appearance</b>     | Water-white mobile liquid | <b>Odor Threshold</b> | Not determined   |
| <b>Color</b>          | Water white               |                       |                  |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | Not determined        |                         |
| Melting Point/Freezing Point | < -34 °C / <-30 °F    |                         |
| Boiling Point/Boiling Range  | 39-83 °C / 103-181 °F |                         |
| Flash Point                  | Not determined        |                         |
| Evaporation Rate             | 0.4 minutes           |                         |
| Flammability (Solid, Gas)    | Not determined        |                         |
| Upper Flammability Limits    | Not available         |                         |
| Lower Flammability Limit     | Not available         |                         |
| Vapor Pressure               | Nil                   |                         |
| Vapor Density                | >1                    | (Air=1)                 |
| Specific Gravity             | 0.897                 | (1=Water)               |
| Water Solubility             | Nil                   |                         |
| 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                      | 7.487 weight/gallon   |                         |

## 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

Avoid direct sunlight. High heat or open flames.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

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

**Component Information**

| Chemical Name                         | Oral LD50            | Dermal LD50                                       | Inhalation LC50                                    |
|---------------------------------------|----------------------|---|--|
| Dimethyl ether<br>115-10-6            | -                    | -   | = 308.5 mg/L ( Rat ) 4 h                           |
| 1,1,1,2-Tetrafluoroethane<br>811-97-2 | -                    | -   | = 1500 g/m <sup>3</sup> ( Rat ) 4 h                |
| Isopropyl alcohol<br>67-63-0          | = 4396 mg/kg ( Rat ) | = 12800 mg/kg ( Rat ) = 12870<br>mg/kg ( Rabbit ) | = 72.6 mg/L ( Rat ) 4 h                            |
| Trade Secret                          | = 4300 mg/kg ( Rat ) | > 1700 mg/kg ( Rabbit )                           | = 5000 ppm ( Rat ) 4 h = 47635<br>mg/L ( Rat ) 4 h |
| Trade Secret                          | = 3500 mg/kg ( Rat ) | = 15354 mg/kg ( Rabbit )                          | = 17.2 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**

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** Suspected of causing cancer.

| Chemical Name                | ACGIH | IARC     | NTP | OSHA |
|------------------------------|-------|----------|-----|------|
| Isopropyl alcohol<br>67-63-0 |       | Group 3  |     | X    |
| Trade Secret                 |       | Group 3  |     |      |
| Trade Secret                 | A3    | Group 2B |     | X    |

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Numerical measures of toxicity**

Not determined

**Unknown Acute Toxicity** 2.7% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

| Chemical Name                | Algae/aquatic plants   | Fish  | Toxicity to microorganisms                     | Crustacea   |
|------------------------------|--|---|--|---|
| Isopropyl alcohol<br>67-63-0 | 1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50<br>1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50   | 9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50   |  | 13299: 48 h <i>Daphnia magna</i> mg/L EC50                                    |
| Trade Secret                 |  | 13.4: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 2.661 - 4.093: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 13.5 - 17.3: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 13.1 - 16.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 19: 96 h <i>Lepomis macrochirus</i> mg/L LC50 7.711 - 9.591: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 23.53 - 29.97: 96 h <i>Pimephales promelas</i> mg/L LC50 static 780: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 780: 96 h <i>Cyprinus carpio</i> mg/L LC50 30.26 - 40.75: 96 h <i>Poecilia reticulata</i> mg/L LC50 static | EC50 = 0.0084 mg/L 24 h                        | 3.82: 48 h water flea mg/L EC50 0.6: 48 h <i>Gammarus lacustris</i> mg/L LC50 |
| Trade Secret                 | 4.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 438: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 2.6 - 11.3: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 1.7 - 7.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 11.0 - 18.0: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 7.55 - 11: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 32: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 9.1 - 15.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 9.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static  | EC50 = 9.68 mg/L 30 min<br>EC50 = 96 mg/L 24 h | 1.8 - 2.4: 48 h <i>Daphnia magna</i> mg/L EC50                                |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name                | Partition Coefficient |
|------------------------------|-----------------------|
| Dimethyl ether<br>115-10-6   | -0.18                 |
| Isopropyl alcohol<br>67-63-0 | 0.05                  |
| Trade Secret                 | 3.15                  |
| Trade Secret                 | 3.118                 |

**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.

**US EPA Waste Number**

| Chemical Name | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------|------|-----------------------------------|------------------------|------------------------|
| Trade Secret  |      | Included in waste stream:<br>F039 |                        | U239                   |
| Trade Secret  |      | Included in waste stream:<br>F039 |                        |                        |

**California Hazardous Waste Status**

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Isopropyl alcohol<br>67-63-0 | Toxic<br>Ignitable                |
| Trade Secret                 | Toxic<br>Ignitable                |
| Trade Secret                 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**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, non-flammable  
**Hazard Class** 2.1

**IMDG**  
**UN/ID No** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard Class** 2.1  
**Marine Pollutant** This material may meet the definition of a marine pollutant



## 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    |
| 1,1,1,2-Tetrafluoroethane | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Isopropyl alcohol         | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Trade Secret              | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Trade Secret              | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Trade Secret              | Present | X   |      | Present |        | 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

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|---------------|--------------------------|----------------|---|
| Trade Secret  | 100 lb                   |                | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |
| Trade Secret  | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name               | CAS No  | Weight-% | SARA 313 - Threshold Values % |
|-----------------------------|---------|----------|-------------------------------|
| Isopropyl alcohol - 67-63-0 | 67-63-0 | 4        | 1.0                           |
| Trade Secret -              |         | 0.3      | 0.1                           |

#### CWA (Clean Water Act)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Trade Secret  | 100 lb                      |                        |                           | X                          |
| Trade Secret  | 1000 lb                     | X                      | X                         | X                          |

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name  | California Proposition 65 |
|----------------|---------------------------|
| Trade Secret - | Carcinogen                |

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

| Chemical Name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Dimethyl ether<br>115-10-6   | X          | X             | X            |
| Isopropyl alcohol<br>67-63-0 | X          | X             | X            |
| Trade Secret                 | X          | X             | X            |
| Trade Secret                 | X          | X             | X            |
| Trade Secret                 | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

2

**Flammability**

1

**Physical Hazards**

0

**Personal Protection**

B

**Issue Date:**

01-Sep-2012

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23-Apr-2014

**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**