



# Safety Data Sheet

Issue Date: 01-Sep-2012

Revision Date: 23-Apr-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Slide Epoxease Mold Release

### Other means of identification

**SDS #** 40614  
**Product Code** 40614  
**UN/ID No** UN1950  
**Other Information** Formula: 40614.

### 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** Tan liquid                      **Physical State** Aerosol                      **Odor** Mild halogenated hydrocarbon

### Classification

|  |             |
|--|-------------|
| Acute toxicity - Dermal                            | Category 4  |
| Acute toxicity - Inhalation (Gases)                | Category 4  |
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 2  |
| Germ cell mutagenicity                             | Category 1B |
| Reproductive toxicity                              | Category 1B |
| Specific target organ toxicity (single exposure)   | Category 3  |
| Specific target organ toxicity (repeated exposure) | Category 2  |
| Aspiration toxicity                                | Category 1  |
| Flammable Aerosols                                 | Category 2  |

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

### Signal Word

**Danger**

**Hazard Statements**

Harmful in contact with skin  
Harmful if inhaled  
Causes skin irritation  
Causes serious eye irritation  
May cause genetic defects  
May damage fertility or the unborn child  
May cause respiratory irritation. May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
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  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
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  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN: Wash with plenty of soap and water  
Call a poison center or doctor/physician if you feel unwell  
Take off contaminated clothing and wash it before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Do not induce vomiting

**Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed  
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**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No      | Weight-% |
|---|-------------|----------|
| n-Propyl bromide  | 106-94-5    | 60-70    |
| Propane   | 74-98-6     | 10-20    |
| Naphtha, petroleum, light catalytic reformed, aromatic-free | 68513-03-1  | 10-18    |
| Non-hazardous Ingredients                                   | 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

|                       |   |
|-----------------------|---|
| <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. If eye irritation persists: Get medical advice/attention.     |
| <b>Skin Contact</b>   | Wash with soap and water. Apply hand cream. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician if you feel unwell. |
| <b>Inhalation</b>     | Remove to fresh air. If breathing is difficult, give oxygen. Do not give stimulants. Epinephrine or ephedrine may adversely affect the heart.             |
| <b>Ingestion</b>      | Do not induce vomiting. Call a physician or poison control center immediately.  |

#### Most important symptoms and effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Excessive inhalation can cause dizziness, weakness, headache, or possible unconsciousness. May cause skin irritation and defatting of skin with repeated/prolonged contact. May cause blurred vision, redness, watering and burning of the eyes. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | 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

Concentrate vapors form HCl, HF, and traces of phosgene upon pyrolysis. Pressurized container: May burst if heated.

#### 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** Prevent further leakage or spillage if safe to do so.

**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. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. 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 eat, drink or smoke when using this product. Vapors are heavier than air and may collect in low areas.

### 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. Store locked up.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                | ACGIH TLV     | OSHA PEL   | NIOSH IDLH   |
|------------------------------|---------------|--|--|
| n-Propyl bromide<br>106-94-5 | TWA: 10 ppm   | -  | -  |
| Propane<br>74-98-6           | TWA: 1000 ppm | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 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** Wear safety glasses with side shields (or goggles).

**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 halogenated hydrocarbon |
| <b>Appearance</b>     | Tan liquid | <b>Odor Threshold</b> | Not determined               |
| <b>Color</b>          | Tan        |                       |                              |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | Not determined        |                         |
| Melting Point/Freezing Point | < -39 °C / <-38 °F    |                         |
| Boiling Point/Boiling Range  | 39-41 °C / 103-105 °F |                         |
| Flash Point                  | None                  |                         |
| Evaporation Rate             | > 1.3 minutes         |                         |
| Flammability (Solid, Gas)    | Not determined        |                         |
| Upper Flammability Limits    | 10.5%                 |                         |
| Lower Flammability Limit     | 8.0%                  |                         |
| Vapor Pressure               | 59 mm Hg              | @ 21°C (70°F)           |
| Vapor Density                | >1                    | (Air=1)                 |
| Specific Gravity             | 1.19                  | (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                      | 9.99 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

Open flames and hot glowing objects.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Concentrate vapors form HCl, HF, and traces of phosgene upon pyrolysis.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Causes serious eye irritation.                        |
| <b>Skin Contact</b> | Causes skin irritation. Harmful in contact with skin. |
| <b>Inhalation</b>   | Harmful if inhaled.                                   |
| <b>Ingestion</b>    | May be harmful if swallowed.                          |

### Component Information

| Chemical Name   | Oral LD50            | Dermal LD50             | Inhalation LC50                       |
|---|----------------------|-------------------------|---------------------------------------|
| n-Propyl bromide<br>106-94-5  | = 3600 mg/kg ( Rat ) | -                       | = 253 g/m <sup>3</sup> ( Rat ) 30 min |
| Propane<br>74-98-6  | -                    | -                       | = 658 mg/L ( Rat ) 4 h                |
| Naphtha, petroleum, light catalytic reformed, aromatic-free<br>68513-03-1 | = 4820 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.04 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

|                                 |  |
|---------------------------------|--|
| <b>Germ cell mutagenicity</b>   | May cause genetic defects.   |
| <b>Carcinogenicity</b>          | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>Reproductive toxicity</b>    | May damage fertility or the unborn child.  |
| <b>STOT - single exposure</b>   | May cause respiratory irritation. May cause drowsiness or dizziness.                                   |
| <b>STOT - repeated exposure</b> | May cause damage to organs through prolonged or repeated exposure.                                     |
| <b>Aspiration hazard</b>        | May be fatal if swallowed and enters airways.  |

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

| Chemical Name   | Algae/aquatic plants                               | Fish  | Toxicity to microorganisms | Crustacea |
|---|--|---|----------------------------|-----------|
| n-Propyl bromide<br>106-94-5  |  | 67.3: 96 h Pimephales promelas mg/L LC50 flow-through |                            |           |
| Naphtha, petroleum, light catalytic reformed, aromatic-free<br>68513-03-1 | 11: 72 h Pseudokirchneriella subcapitata mg/L EC50 |   |                            |           |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name                | Partition Coefficient |
|------------------------------|-----------------------|
| n-Propyl bromide<br>106-94-5 | 2.1                   |
| Propane<br>74-98-6           | 2.3                   |

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | 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.

### DOT

|                             |          |
|-----------------------------|----------|
| <b>UN/ID No</b>             | UN1950   |
| <b>Proper Shipping Name</b> | Aerosols |
| <b>Hazard Class</b>         | 2.1      |

### IATA

|                             |                     |
|-----------------------------|---------------------|
| <b>UN/ID No</b>             | UN1950              |
| <b>Proper Shipping Name</b> | Aerosols, flammable |
| <b>Hazard Class</b>         | 2.1                 |

### IMDG

|                             |   |
|-----------------------------|---|
| <b>UN/ID No</b>             | UN1950  |
| <b>Proper Shipping Name</b> | Aerosols  |
| <b>Hazard Class</b>         | 2.1   |
| <b>Marine Pollutant</b>     | This material may meet the definition of a marine pollutant |

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### 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

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name               | California Proposition 65                                 |
|-----------------------------|---|
| n-Propyl bromide - 106-94-5 | Developmental<br>Female Reproductive<br>Male Reproductive |

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

| Chemical Name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| n-Propyl bromide<br>106-94-5 | X          | X             | X            |
| Propane<br>74-98-6           | 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

3

#### Physical Hazards

0

#### Personal Protection

B

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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