



# Safety Data Sheet

Issue Date: 01-Sep-2012

Revision Date: 01-Jan-2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Slide Thermoset Mold Release

### Other means of identification

**SDS #** 45414

**Product Code** 45414

**UN/ID No** UN1950

### 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** Water-white mobile liquid

**Physical State** Aerosol

**Odor** Mild halogenated hydrocarbon

### Classification

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

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

### Signal Word

**Danger**

### Hazard Statements

Harmful in contact with skin

Causes skin irritation

Causes serious eye irritation

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

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  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 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  
 If skin irritation occurs: Get medical advice/attention  
 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

### **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**

<b>Chemical Name</b>	<b>CAS No</b>	<b>Weight-%</b>
n-Propyl bromide	106-94-5	80-95
Water	7732-18-5	Balance
Propane	68476-86-8	8-15

\*\*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**

#### **General Advice**

If exposed or concerned: Get medical advice/attention.

#### **Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

<b>Skin Contact</b>	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention. Call a physician if you feel unwell.
<b>Inhalation</b>	Remove to fresh air. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.
<b>Ingestion</b>	Do not induce vomiting. If conscious, give 1 glass of water or milk to dilute. Call a physician or poison control center immediately.

**Most important symptoms and effects**

<b>Symptoms</b>	Causes skin irritation. Causes serious eye irritation. Skin contact can lead to drying, defatting, itching, stinging and irritation. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness. Irritating to mouth, throat, and stomach if ingested.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Non-flammable aerosol. Aerosols may rupture violently at temperatures above 120 F. Pressurized container: May burst if heated.

**Hazardous Combustion Products** Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis.

**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**

<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

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

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Remove all sources of ignition.
<b>Methods for Clean-Up</b>	Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not smoke. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not puncture or incinerate cans.

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

#### **Incompatible Materials**

None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Propyl bromide 106-94-5	TWA: 10 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**

Safety glasses.

#### **Skin and Body Protection**

Wear suitable protective clothing.

#### **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>	Water-white mobile liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Water white	<b>Remarks • Method</b>	
<b>Property</b>	<b>Values</b>		
<b>pH</b>	Not determined		
<b>Melting Point/Freezing Point</b>	< -45 °C / <-50 °F		
<b>Boiling Point/Boiling Range</b>	39-87 °C / 103-190 °F		
<b>Flash Point</b>	No flash		
<b>Evaporation Rate</b>	2.3	Minutes	
<b>Flammability (Solid, Gas)</b>	Non-flammable aerosol		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Vapor Pressure	59 mmHg @ 70°F	
Vapor Density	Not available	
Specific Gravity	1.05	(Water = 1)
Water Solubility	>1%	
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	
Bulk Density	8.76 lb/gal @ 60°F	

## 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

Do not puncture or incinerate cans. Avoid temperatures above 120°F. Open flames. Avoid direct sunlight.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**      Causes serious eye irritation.

**Skin Contact**      Causes skin irritation.

**Inhalation**      Do not inhale.

**Ingestion**      May be harmful if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
n-Propyl bromide 106-94-5	= 3600 mg/kg ( Rat )	-	= 253 g/m <sup>3</sup> ( Rat ) 30 min

**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.

**Reproductive toxicity** May damage fertility or the unborn child.

**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
n-Propyl bromide 106-94-5		67.3: 96 h Pimephales promelas mg/L LC50 flow- through		

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
n-Propyl bromide 106-94-5	2.1
Propane 68476-86-8	<=2.8

**Other Adverse Effects**

Not determined

**Ozone**

Contains no ozone depleting chemicals

**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  
**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
n-Propyl bromide	Present	X		Present		Present	X	Present	X	X
Water	Present	X		Present			X	Present	X	X
Propane	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 contains the following Proposition 65 chemicals.

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

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
n-Propyl bromide 106-94-5	X	X	X

<b>16. OTHER INFORMATION</b>
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**NFPA****Health Hazards****Flammability****Instability****Special Hazards****HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**

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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**