



Issue Date: 01-Sep-2012

Revision Date: 06-Dec-2016

Version 2

Safety Data Sheet

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 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 Tan 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
Carcinogenicity	Category 2
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
Gases Under Pressure	Compressed Gas

Signal Word

Danger

Hazard statements

Harmful in contact with skin
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
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
Contains gas under pressure; may explode if heated

**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
Take off contaminated clothing and wash before reuse
If skin irritation occurs: Get medical advice/attention
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	68476-86-8	10-20
Kerosene	8008-20-6	10-20
Petroleum Distillates, Hydrotreated light	64742-47-8	1-10
Polyethylene wax	9002-88-4	<5
Napthalene sulfonic acid, dinonyl, calcim salt	57855-77-3	<5
Distillates (petroleum), solvent refined light naphthenic	64741-97-5	<5

**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	If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with soap and water. Apply hand cream. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician if you feel unwell.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Do not give stimulants. Epinephrine or ephedrine may adversely affect the heart.
Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately.

Most important symptoms and effects

Symptoms	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.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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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.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

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 106-94-5	TWA: 0.1 ppm	-	-
Kerosene 8008-20-6	TWA: 200 mg/m ³ total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures S*	-	TWA: 100 mg/m ³

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 Refer to 29 CFR 1910.134 for respiratory protection requirements.

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	Mild halogenated hydrocarbon
Appearance	Tan liquid	Odor Threshold	Not determined
Color	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		
Flammability Limits in Air			
Upper Flammability Limits	10.5%		
Lower Flammability Limit	8.0%		
Vapor Pressure	59 mm Hg	@ 21 °C (70 °F)	
Vapor Density	>1	(Air=1)	
Relative Density	1.19	(Water = 1)	
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		
<u>Other Information</u>			
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**

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation. Harmful in contact with skin.
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 ³ (Rat) 30 min
Kerosene 8008-20-6	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
Petroleum Distillates, Hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Polyethylene wax 9002-88-4	= 8 g/kg (Rat)	-	-
Distillates (petroleum), solvent refined light naphthenic 64741-97-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-

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.

Chemical Name	ACGIH	IARC	NTP	OSHA
n-Propyl bromide 106-94-5	A3	Group 2B	Reasonably Anticipated	X
Kerosene 8008-20-6	A3	Group 3		
Polyethylene wax 9002-88-4		Group 3		
Distillates (petroleum), solvent refined light naphthenic 64741-97-5	A2	Group 1	Known	X

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

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

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

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

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

X - Present

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.
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	4,710.00 mg/kg
ATEmix (dermal)	1,540.00 mg/kg
ATEmix (inhalation-gas)	5,380.00 mg/L
ATEmix (inhalation-dust/mist)	34.70 mg/L

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
n-Propyl bromide 106-94-5		67.3: 96 h Pimephales promelas mg/L LC50 flow-through	
Petroleum Distillates, Hydrotreated light 64742-47-8		2.2: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	4720: 96 h Den-dronereides heteropoda mg/L LC50
Distillates (petroleum), solvent refined light naphthenic 64741-97-5		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

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

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

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

DOT

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/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
n-Propyl bromide	X	X	X	Present	X	Present	X	X
Propane	X	X	X		X	Present	X	X
Kerosene	X	X	X		X	Present	X	X
Petroleum Distillates, Hydrotreated light	X	X	X		X	Present	X	X
Polyethylene wax	X	X		Present	X	Present	X	X
Napthalene sulfonic acid, dinonyl, calcim salt	X	X	X	Present	X	Present	X	X
Distillates (petroleum), solvent refined light naphthenic	X	X	X		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

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
n-Propyl bromide - 106-94-5	106-94-5	60-70	0.1

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	Carcinogen 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
Kerosene 8008-20-6	X	X	X
Distillates (petroleum), solvent refined light naphthenic 64741-97-5		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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06-Dec-2016

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