Safety Data Sheet

Issue Date: 01-Sep-2012 **Revision Date:** 15-Dec-2016 **Version** 2

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # 40614-EU
Product Code 40614
Product Name Slide Epoxease Mold Release

Contains Kerosene, Petroleum Distillates, Hydrotreated light, n-Propyl bromide, Distillates (petroleum), solvent refined light naphthenic
Formula Formula: 40614

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Industrial mold release

1.3. Details of the Supplier of the Safety Data Sheet

Supplier
Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

For further information, please contact

Contact Point Slide Products: 1-847-541-7220
Email Address info@slideproducts.com

1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

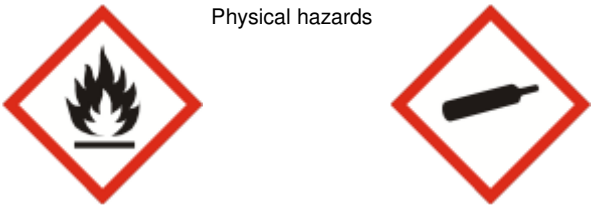
Aspiration toxicity	Category 1 - (H304)
Acute toxicity - Dermal	Category 4 - (H312)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1A - (H350)
Reproductive toxicity	Category 1B - (H360FD)
Specific target organ toxicity (single exposure)	Category 3 - (H335, H336)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Chronic aquatic toxicity	Category 3 - (H412)
Flammable Aerosols	Category 2 - (H223)
Gases Under Pressure	Compressed Gas - (H280)

2.2. Label Elements

Product Identifier

Contains Kerosene, Petroleum Distillates, Hydrotreated light, n-Propyl bromide, Distillates (petroleum), solvent refined light naphthenic

Physical hazards



Signal Word

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H340 - May cause genetic defects
H350 - May cause cancer
H373 - May cause damage to organs through prolonged or repeated exposure
H360FD - May damage fertility. May damage the unborn child
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P251 - Pressurized container: Do not pierce or burn, even after use
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P264 - Wash face, hands and any exposed skin thoroughly after handling
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P271 - Use only outdoors or in a well-ventilated area
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P211 - Do not spray on an open flame or other ignition source
P501 - Dispose of contents/container to industrial incineration plant
P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURES

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
n-Propyl bromide	Present	106-94-5	60-70	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Repr. 1B (H360FD) STOT SE 3 (H335) STOT SE 3 (H336) STOT RE 2 (H373) Flam. Liq. 2 (H225)	Not determined
Propane	Present	68476-86-8	10-20	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas (H280)	Not determined
Kerosene	Present	8008-20-6	10-20	Asp. Tox. 1 (H304)	Not determined
Petroleum Distillates, Hydrotreated light	Present	64742-47-8	1-10	Asp. Tox. 1 (H304)	Not determined
Distillates (petroleum), solvent refined light naphthenic	Present	64741-97-5	<5	Carc. 1B (H350)	Not determined

Full text of H- and EUH-phrases: see section 16

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No	SVHC candidates
n-Propyl bromide	106-94-5	X

Section 4: FIRST AID MEASURES

4.1. Description of 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 doctor or poison control centre immediately.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

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.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

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

Unsuitable Extinguishing Media
Not determined.

5.2. Special Hazards Arising from the Substance or Mixture
Concentrate vapors form HCl, HF, and traces of phosgene upon pyrolysis. Pressurised container: May burst if heated.

5.3. Advice for Firefighters
Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
Use personal protective equipment as required.

For Emergency Responders
Use personal protection recommended in Section 8.

6.2. Environmental Precautions
See Section 12 for additional Ecological Information.

6.3. 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 Place in appropriate containers for disposal.

6.4. Reference to Other Sections
See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE

7.1. 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/vapours/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.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

7.2. 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.

7.3. Specific End Use(s)

Specific Use(s)
Industrial mold release.

Risk Management Methods (RMM)
The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits .

Chemical Name	European Union	United Kingdom	France	Spain	Germany
n-Propyl bromide 106-94-5	-	-	-	TWA: 10 ppm	-
Kerosene 8008-20-6	-	-	-	S* TWA: 200 mg/m^3	-
Chemical Name	**Italy**	**Portugal**	**Netherlands**	**Finland**	**Denmark**
n-Propyl bromide 106-94-5	-	TWA: 10 ppm	-	TWA: 10 ppm TWA: 50 mg/m^3 STEL: 50 ppm STEL: 250 mg/m^3	-
Kerosene 8008-20-6	-	TWA: 200 ppm	-	-	-
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
n-Propyl bromide 106-94-5	Skin	-	TWA: 42 mg/m^3	-	-
Kerosene 8008-20-6	-	-	STEL: 300 mg/m^3 TWA: 100 mg/m^3	-	-

8.2. Exposure Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Personal Protective Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Hand Protection Protective gloves are not required, but recommended.

Skin and Body Protection Suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state Aerosol

Appearance Tan liquid

Odour Mild halogenated hydrocarbon

Colour Tan

Odour Threshold Not determined

Property	Values	Remarks • Method
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%	

Vapour Pressure	59 mm Hg	@ 21 ° C (70 ° F)
Vapour Density	>1	(Air=1)
Relative Density	1.19	(Water = 1)
Water Solubility	Nil	
Solubility(ies)	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	
Oxidising Properties	Not determined	

9.2. Other information

Density 9.99 weight/gallon

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerisation

Hazardous polymerisation does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Open flames and hot glowing objects.

10.5. Incompatible Materials

Strong oxidising agents.

10.6. Hazardous Decomposition Products

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

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information

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Inhalation	Do not inhale.
Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation. Harmful in contact with skin.
Ingestion	Do not ingest.

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

ATEmix (oral)	3,946.00 mg/kg
ATEmix (dermal)	1,269.00 mg/kg
ATEmix (inhalation-gas)	700.00 ppm
ATEmix (inhalation-dust/mist)	21.56 mg/L

Unknown Acute Toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity.
15.07543 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
17.53042 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
86.98855 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
37.81592 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
n-Propyl bromide	= 3600 mg/kg (Rat)		= 253 g/m^3 (Rat) 30 min
Kerosene	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
Petroleum Distillates, Hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Polyethylene wax	= 8 g/kg (Rat)		
Napthalene sulfonic acid, dinonyl, calcim salt	> 5000 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	> 18 mg/L (Rat) 1 h
Distillates (petroleum), solvent refined light naphthenic	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Sensitisation Not classified.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

Chemical Name	European Union
Propane	Carc. 1A
Distillates (petroleum), solvent refined light naphthenic	Carc. 1B

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.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
n-Propyl bromide		67.3: 96 h Pimephales promelas mg/L LC50 flow-through	
Petroleum Distillates, Hydrotreated light		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		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
n-Propyl bromide	2.1
Propane	<=2.8

12.4. Mobility in Soil

Mobility
Not determined.

12.5. Results of PBT and vPvB Assessment
Not determined.

12.6. Other Adverse Effects
Not determined.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1
14.4
14.5 Marine Pollutant This material may meet the definition of a marine pollutant

RID
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1

ADR
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1

IATA
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols, flammable
14.3 Hazard Class 2.1

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
n-Propyl bromide 106-94-5	RG 12	
Petroleum Distillates, Hydrotreated light 64742-47-8	RG 84	

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**.**

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Chemical Name	Ozone depletion potential (ODP)	Ozone-depleting substances (ODS) regulation (EC) 1005/2009
n-Propyl bromide - 106-94-5	0.02 - 0.10 ODP	Subject to reporting requirement.

International Inventories

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Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
n-Propyl bromide 106-94-5 (60-70)	X	X	X	X	Present	X	X	Present
Propane 68476-86-8 (10-20)	X	X	X	X	-	X	X	Present
Kerosene 8008-20-6 (10-20)	X	X	X	X	-	X	X	Present
Petroleum Distillates, Hydrotreated light 64742-47-8 (1-10)	X	X	X	X	-	X	X	Present
Distillates (petroleum), solvent refined light naphthenic 64741-97-5 (<5)	X	X	X	X	-	X	X	Present

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H360FD - May damage fertility. May damage the unborn child
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure if inhaled
H225 - Highly flammable liquid and vapour
H350 - May cause cancer if swallowed
H304 - May be fatal if swallowed and enters airways
H340 - May cause genetic defects if inhaled
H220 - Extremely flammable gas
H280 - Contains gas under pressure; may explode if heated

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend	**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**		
TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification Procedure
Calculation method

Issue Date: 01-Sep-2012

Revision Date: 15-Dec-2016

Revision Note: New format.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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