

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

### 1.1. Product Identifier

SDS # 45414-EU  
Product Code 45414  
Product Name Slide Thermoset Mold Release  
Formula 52971

### 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

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

#### Classification according to 67/548/EEC

Full text of R-phrases: see section 16

#### Hazard Symbols

T - Toxic

**R-code(s)**

Repr. cat. 2;R60 - Repr. cat. 3;R63 - Xn;R48/20 - Xi;R36/37/38 - R67

**2.2. Label Elements**

Labeling according to Regulation (EC) No. 1272/2008 [CLP].

**Signal Word**

Danger

**Hazard Statements**

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H360 - May damage fertility or the unborn child

H350 - May cancer

H373 - May cause damage to organs through prolonged or repeated exposure

H412 - Harmful to aquatic life with long lasting effects

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H229 - Pressurized container: May burst if heated

H223 - Flammable aerosol

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

P201 - Obtain special instructions before use

P281 - Use personal protective equipment as required

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P211 - Do not spray on an open flame or other ignition source

P251 - Pressurized container: Do not pierce or burn, even after use

**2.3. Other Hazards****General Hazards**

None known

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
n-Propyl bromide	Present	106-94-5	80-95	F; R11 Xi; R36/37/38 Xn; R48/20 Repr.Cat.2; R60 Repr.Cat.3; R63 R67	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
Oxidized Polyethylene wax	Present	68441-17-8	Balance >1%	Not classified	Not classified	Not determined
Propane	Present	68476-86-8	8-15	F+; R12 Carc.Cat.1; R45 Muta.Cat.2; R46	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas	Not determined

**Full text of R-phrases: see section 16**

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

#### **Additional Information**

Substances which do not meet the criteria for classification are included in order to provide full disclosure of the product

### Section 4: FIRST AID MEASURES

#### **4.1. Description of First Aid Measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	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. Apply hand cream.
<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.

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

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

<b>Notes to Physician</b>	Treat symptomatically.
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

#### **Suitable Extinguishing Media**

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

#### **Unsuitable Extinguishing Media**

Not determined.

### 5.2. Special Hazards Arising from the Substance or Mixture

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.

### 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

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

### 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**

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 drop. Do not smoke. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not spray on floors.

#### **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. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

**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	Skin
Component	Italy	Portugal	Netherlands	Finland	Denmark
n-Propyl bromide 106-94-5 ( 80-95 )		TWA: 10 ppm		TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup>	
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
n-Propyl bromide 106-94-5	Skin		TWA: 42 mg/m <sup>3</sup>		

**8.2. Exposure Controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses.

**Hand Protection**

Protective gloves are not required, but recommended.

**Skin and Body Protection**

Suitable protective clothing.

**Respiratory Protection**

Provide adequate ventilation.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. 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>Flammability Limits in Air</b>			
<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	
Relative Density	1.05	(Water = 1)
Water Solubility	>1%	
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	
Oxidizing Properties	Not determined	

**9.2. Other information**

**Bulk Density** 8.76 lb/gal @ 60°F

**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 Polymerization**

Hazardous polymerization does not occur.

**Possibility of Hazardous Reactions**

None under normal processing.

**10.4. Conditions to Avoid**

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

**10.5. Incompatible Materials**

None known based on information supplied.

**10.6. Hazardous Decomposition Products**

Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis.

**Section 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects****Acute Toxicity****Product Information****Eye Contact**

Causes serious eye irritation.

**Skin Contact**

Causes skin irritation. Harmful in contact with skin.

**Inhalation**

Do not inhale.

**Ingestion**

Do not ingest.

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

Oral LD50	4,500.00
Units	mg/kg
Dermal LD50	1,375.00
Units	mg/kg
Inhalation	
Gas	4,561,153.32
Units	mg/L
Mist	39.53
Units	mg/L
Vapor	305.00
Units	mg/L

**Component Information**

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

**Skin corrosion/irritation** Causes skin irritation. Harmful in contact with skin.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Sensitization** Not classified.

**Germ cell mutagenicity** Not classified.

**Carcinogenicity** May cause cancer.

Chemical Name	European Union
Propane	Carc. 1A

**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** Not classified.

**Symptoms** Please see section 4 of this SDS for symptoms.

## 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	

**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**

Contains no ozone depleting chemicals.

**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**

<b>14.1 UN/ID No</b>	UN1950
<b>14.2 Proper Shipping Name</b>	Aerosols
<b>14.3 Hazard Class</b>	2.2
<b>14.5 Marine Pollutant</b>	This material may meet the definition of a marine pollutant

**RID**

<b>14.1 UN/ID No</b>	UN1950
<b>14.2 Proper Shipping Name</b>	Aerosols
<b>14.3 Hazard Class</b>	2.2

**ADR**

<b>14.1 UN/ID No</b>	UN1950
<b>14.2 Proper Shipping Name</b>	Aerosols
<b>14.3 Hazard Class</b>	2.2

**ICAO (air)**

<b>14.1 UN/ID No</b>	UN1950
<b>14.2 Proper Shipping Name</b>	Aerosols, non-flammable
<b>14.3 Hazard Class</b>	2.2

**IATA**

<b>14.1 UN/ID No</b>	UN1950
<b>14.2 Proper Shipping Name</b>	Aerosols, non-flammable
<b>14.3 Hazard Class</b>	2.2

Based on package size, product may be eligible for limited quantity exception.

**Section 15: REGULATORY INFORMATION****15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****National Regulations****Occupational Illnesses (R-463-3, France)**

Chemical Name	French RG number	Title



n-Propyl bromide 106-94-5	RG 12	
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**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.

**International Inventories**

<b>TSCA</b>	Listed
<b>EINECS/ELINCS</b>	-
<b>DSL/NDSL</b>	-
<b>PICCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>AICS</b>	-
<b>KECL</b>	-

**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 R-phrases referred to under sections 2 and 3**

R11 - Highly flammable

R67 - Vapors may cause drowsiness and dizziness

R60 - May impair fertility

R45 - May cause cancer

R63 - Possible risk of harm to the unborn child

R12 - Extremely flammable

R36/37/38 - Irritating to eyes, respiratory system and skin

R48/20 - Also harmful: danger of serious damage to health by prolonged exposure through inhalation

**Full text of H-Statements referred to under sections 2 and 3**

H220 - Extremely flammable gas

H225 - Highly flammable liquid and vapor

H280 - Contains gas under pressure; may explode if heated

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H360FD - May damage fertility. May damage the unborn child

H350 - May cause cancer

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

**Classification Procedure**

Calculation method

**Issue Date:** 01-Sep-2012

**Revision Date:** 01-April-2017

**Revision Note:** Corrected ingredient listing.

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