

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

### 1.1. Product Identifier

**SDS #** 44712E-EU  
**Product Code** 44712E  
**Product Name** Slide Quick Paintable MR  
  
**Synonyms** Methyl butyl, methyl isopropyl, benzyl solution  
 Slide Quick Paintable

### 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**

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
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**

F+ - Extremely flammable  
 T - Toxic

#### **R-code(s)**

F+;R12 - Repr. cat. 2;R60 - Repr. cat. 3;R63 - Xn;R48/20 - Xi;R36/37/38 - R67; R10

## 2.2. Label Elements

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



### Signal Word

Danger

### Hazard Statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H360 - May damage fertility or the unborn child

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

H412 - Harmful to aquatic life with long lasting effects

H223 - Flammable aerosol

EUH210 - Safety data sheet available on request

### 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

P281 - Use personal protective equipment as required

P264 - Wash face, hands and any exposed skin thoroughly after handling

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

P271 - Use only outdoors or in a well-ventilated area

P308 + P313 - IF exposed or concerned: 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

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P312 - Call a POISON CENTER or doctor if you feel unwell

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P405 - Store locked up

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P501 - Dispose of contents/ container to an approved waste disposal plant

P273 - Avoid release to the environment

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

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

## 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
Dimethyl ether	Present	115-10-6	65-75	F+; R12	Flam. Gas 1 (H220) Press. Gas (H280)	Not determined
n-Propyl bromide	Present	106-94-5	25-35	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
Paintable Silicone Fluid	-	68037-77-4	1-5	-	Not determined	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>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician if you feel unwell. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	Drink plenty of water. Do not induce vomiting. Get medical attention if necessary.

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

<b>Symptoms</b>	Irritating to mouth, throat, and stomach if ingested. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area. Direct contact with eyes may cause temporary irritation.
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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**

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

#### **Unsuitable Extinguishing Media**

Not determined.

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

Product is not flammable by aerosol Standards. Aerosols may rupture violently at temperatures above 120 F. Vapors can form flammable mixtures in a narrow range of 4.6% to 8.5% by volume in air.

#### **Hazardous Combustion Products**

Carbon oxides. Hydrogen bromide.

### 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**

Remove leaking container to outside disposal site. Remove all sources of ignition.

#### **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 face, hands, and any exposed skin 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 drop, puncture, or incinerate. 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 direct 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
Dimethyl ether 115-10-6	TWA 1000 ppm TWA 1920 mg/m <sup>3</sup>	STEL: 500 ppm STEL: 958 mg/m <sup>3</sup> TWA: 400 ppm TWA: 766 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> Ceiling / Peak: 8000 ppm Ceiling / Peak: 15200 mg/m <sup>3</sup>
n-Propyl bromide 106-94-5				TWA: 10 ppm	Skin
Component	Italy	Portugal	Netherlands	Finland	Denmark
Dimethyl ether 115-10-6 ( 65-75 )	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>		STEL: 1500 mg/m <sup>3</sup> TWA: 950 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
n-Propyl bromide 106-94-5 ( 25-35 )		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
Dimethyl ether 115-10-6	STEL 2000 ppm STEL 3820 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 384 mg/m <sup>3</sup> STEL: 250 ppm STEL: 480 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
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. Ensure adequate ventilation, especially in confined areas.

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

Proper eye care is needed in all industrial operations.

**Hand Protection**

Protective gloves are not required, but recommended. Do not use natural rubber gloves.

**Skin and Body Protection**

Suitable protective clothing.

**Respiratory Protection**

High vapor or mist concentrations may require a NIOSH approved organic vapor respirator.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Aerosol	<b>Odor</b>	Slight
<b>Appearance</b>	Clear, oily, colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting Point/Freezing Point</b>	< -45.6 °C / <-50 °F	
<b>Boiling Point/Boiling Range</b>	Not available	
<b>Flash Point</b>	non-flammable per aerosol projection test	
<b>Evaporation Rate</b>	Not available	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not applicable	
<b>Lower Flammability Limit</b>	Not applicable	
<b>Vapor Pressure</b>	139 mmHg	@ 20 C
<b>Vapor Density</b>	Not available	
<b>Relative Density</b>	Not determined	
<b>Water Solubility</b>	Insoluble in water	
<b>Solubility(ies)</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

### 9.2. Other information

<b>VOC Content (%)</b>	97%
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## 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

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to Avoid

High heat or open flames.

### 10.5. Incompatible Materials

Alkaline earth metals. Oxidizers. Bases. Reactive metals. Incompatible with natural rubber.

### 10.6. Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrogen bromide.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

#### Product Information

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.
<b>Unknown Acute Toxicity</b>	2% of the mixture consists of ingredient(s) of unknown toxicity.

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

Oral LD50	12,414.00
Units	mg/kg
Dermal LD50	3,793.00
Units	mg/kg
Inhalation	
Mist	109.05
Units	mg/L
Vapor	296.00
Units	mg/L

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

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	None known based on information supplied.
<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>	Not classified.
<b>Symptoms</b>	Irritating to mouth, throat, and stomach if ingested. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Concentrated spray may cause freezing of skin area. Direct contact with eyes may cause temporary irritation.

## 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
Dimethyl ether	-0.18
n-Propyl bromide	2.1

### 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**

Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

## Section 14: TRANSPORT INFORMATION

#### **Note**

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

#### **IMDG**

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

#### **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

**ICAO (air)**

14.1 UN/ID No UN1950  
 14.2 Proper Shipping Name Aerosols, flammable  
 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

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

#### Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
n-Propyl bromide 106-94-5	RG 12	

#### 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

Not determined.

### 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

R12 - Extremely flammable  
 R11 - Highly flammable  
 R67 - Vapors may cause drowsiness and dizziness  
 R60 - May impair fertility  
 R63 - Possible risk of harm to the unborn child  
 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

Not applicable

#### **Classification Procedure**

Calculation method

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

**Revision Date:** 01-Jan-2015

**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**

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**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