

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

1.1. Product Identifier

SDS # 44312-EU
Product Code 44312
Product Name Slide E-S Regular Silicone Mold Release
Formula 52442

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

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

Aspiration toxicity	Category 1
Flammable Aerosols	Category 2

Classification according to 67/548/EEC

Full text of R-phrases: see section 16

Hazard Symbols

T - Toxic
Xn - Harmful

R-code(s)

R46 - Xn;R65

2.2. Label Elements

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

**Signal Word**

Danger

Hazard Statements

H304 - May be fatal if swallowed and enters airways

H229 - Pressurised container: May burst if heated

H223 - Flammable aerosol

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

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 - Do NOT induce vomiting

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

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 Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Water	Present	7732-18-5	Balance	Not determined	Not determined
Propane	Present	68476-86-8	25-35	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas	Not determined
Light aliphatic solvent naphtha	Present	64742-48-9	15-25	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	Not determined

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. This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES**4.1. Description of First Aid Measures**

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if necessary.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Consult a physician if necessary.
Inhalation	Remove to fresh air. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.
Ingestion	Do not induce vomiting. Call a physician or poison control center immediately.

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

Symptoms	Direct contact with eyes may cause temporary irritation. Irritating to mouth, throat, and stomach if ingested. May cause respiratory irritation.
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4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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Section 5: FIRE-FIGHTING MEASURES**5.1. Extinguishing Media****Suitable Extinguishing Media**

Foam. Water mist.

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	Carbon oxides.
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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 only in well-ventilated areas. Pressurized container: Do not pierce or burn, even after use. Do not drop containers. 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. Keep from freezing.

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
Light aliphatic solvent naphtha 64742-48-9					TWA: 50 ppm TWA: 300 mg/m ³ Ceiling / Peak: 100 ppm Ceiling / Peak: 600 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Light aliphatic solvent naphtha 64742-48-9		STEL: 100 ppm STEL: 600 mg/m ³ TWA: 50 ppm TWA: 300 mg/m ³	STEL: 900 mg/m ³ TWA: 300 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	Safety glasses.
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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on Basic Physical and Chemical Properties**

Physical State	Aerosol	Odour	No information available
Appearance	White emulsion	Odour Threshold	Not determined
Colour	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	104-106 °C / 220-224 °F	
Flash Point	Not available	
Evaporation Rate	Slow	
Flammability (Solid, Gas)	Non-flammable aerosol	
Flammability Limits in Air		
Upper Flammability Limits	5.0%	
Lower Flammability Limit	1.1%	
Vapour Pressure	18 mmHg	@ 70° F
Vapour Density	>1	(Air=1)
Relative Density	0.8947	(Water = 1)
Water Solubility	92.85%	
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

Bulk Density	7.468 lb/gal @ 60°F
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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**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. Avoid direct sunlight.

10.5. Incompatible Materials

None known based on information supplied.

10.6. Hazardous Decomposition Products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on Toxicological Effects****Acute Toxicity****Product Information****Eye Contact** Avoid contact with eyes.**Skin Contact** Avoid 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	25,000.00
Units	mg/kg
Dermal LD50	15,800.00
Units	mg/kg
Inhalation	
Gas	1,049,349.38
Units	mg/L
Mist	99,999.00
Units	mg/L
Vapor	2,193.00
Units	mg/L

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Light aliphatic solvent naphtha	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	

Skin corrosion/irritation Not classified.**Serious eye damage/eye irritation** Not classified.**Sensitization** Not classified.**Germ cell mutagenicity** Not classified.**Carcinogenicity** Not classifiable as a human carcinogen.

Chemical Name	European Union
Propane	Carc. 1A
Light aliphatic solvent naphtha	Carc. 1B

Reproductive toxicity Not classified.**STOT - single exposure** Not classified.**STOT - repeated exposure** Not classified.

Aspiration hazard May be fatal if swallowed and enters airways.

Symptoms Please see section 4 of this SDS for symptoms.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Light aliphatic solvent naphtha		2200: 96 h Pimephales promelas mg/L LC50	2.6: 96 h Chaetogammarus marinus mg/L LC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
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

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

RID

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

ADR

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

ICAO (air)

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

IATA

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

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
Light aliphatic solvent naphtha 64742-48-9	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.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (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)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Propane - 68476-86-8	28. 29.	
Light aliphatic solvent naphtha - 64742-48-9	28.	

Persistent Organic Pollutants

Not applicable

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

International Inventories

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

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 sections 2 and 3**

H220 - Extremely flammable gas

H280 - Contains gas under pressure; may explode if heated

H304 - May be fatal if swallowed and enters airways

Classification Procedure

Calculation method

Issue Date: 01-Sep-2012

Revision Date: 01-Feb-2016

Revision Note: IsoPar reclassification

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