

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

1.1. Product Identifier

SDS # 42510-EU
Product Code 42510
Product Name Slide Mold Saver Release

Formula 42510

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
Skin corrosion/irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Chronic aquatic toxicity	Category 2
Flammable Aerosols	Category 1

Classification according to 67/548/EEC

Full text of R-phrases: see section 16

Hazard Symbols

F+ - Extremely flammable
 T - Toxic
 N - Dangerous for the environment

R-code(s)

F+;R12 - Carc. cat. 1;R45 - Muta. cat. 2;R46 - Repr. cat. 3;R62 - Xn;R48/20 - Xn;R65 - Xi;R38 - R67 - N;R51/53

2.2. Label Elements

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

**Signal Word**

Danger

Hazard Statements

H222 - Extremely flammable aerosol

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H361 - Suspected of damaging fertility or the unborn child

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

H411 - Toxic to aquatic life with long lasting effects

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H350 - May cause cancer

H340 - May cause genetic defects

H229 - Pressurized container: May burst if heated

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

P281 - Use personal protective equipment as required

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

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

P331 - Do NOT induce vomiting

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

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
Hexanes	Present	110-54-3	65-75	F; R11 Xi; R38 N; R51-53 Repr.Cat.3; R62 Xn; R65-48/20 R67	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	Not determined
Propane	Present	68476-86-8	25-35	F+; R12 Carc.Cat.1; R45 Muta.Cat.2; R46	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas	Not determined
Benzenesulfonic Acid, mono-C16-24-alkyl Derivatives	-	70024-71-4	1-5	Not classified	Not classified	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

General Advice	If exposed or concerned: Get medical advice/attention.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. Oxygen or artificial respiration if needed.
Ingestion	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

Symptoms	Exposed individuals may experience eye tearing, redness and discomfort. 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

Notes to Physician	Treat symptomatically.
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Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical. Water spray (fog).

Unsuitable Extinguishing Media

Not determined.

5.2. Special Hazards Arising from the Substance or Mixture

Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: >18" extension at 70 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

Collect spillage.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Clean-Up	Place in appropriate containers for disposal.
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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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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.

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
Hexanes 110-54-3	TWA: 20 ppm TWA: 72 mg/m ³	STEL: 60 ppm STEL: 216 mg/m ³ TWA: 20 ppm TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³	TWA: 50 ppm TWA: 180 mg/m ³ Ceiling / Peak: 400 ppm Ceiling / Peak: 1440 mg/m ³
Component	Italy	Portugal	Netherlands	Finland	Denmark
Hexanes 110-54-3 (65-75)	TWA: 20 ppm TWA: 72 mg/m ³	TWA: 50 ppm	STEL: 144 mg/m ³ TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ Skin	TWA: 20 ppm TWA: 72 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Hexanes 110-54-3	STEL 80 ppm STEL 288 mg/m ³ TWA: 20 ppm TWA: 72 mg/m ³	Skin STEL: 400 ppm STEL: 1440 mg/m ³ TWA: 50 ppm TWA: 180 mg/m ³	TWA: 72 mg/m ³ Skin	TWA: 20 ppm TWA: 72 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 30 ppm STEL: 108 mg/m ³ STEL: 60 ppm STEL: 343.75 mg/m ³	TWA: 20 ppm TWA: 72 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

Provide adequate ventilation.

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

Aerosol

Appearance

Brown liquid in aerosol

Odor

Not determined

Color

Brown

Odor Threshold

Not determined

Inhalation Do not inhale.

Ingestion Do not ingest.

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

Oral LD50	35,714.00
Units	mg/kg
Dermal LD50	4,286.00
Units	mg/kg
Inhalation	
Gas	1,158,375.63
Units	mg/L
Mist	99,999.00
Units	mg/L
Vapor	2,272.00
Units	mg/L

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hexanes	= 25 g/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Not classified.

Sensitization Not classified.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

Chemical Name	European Union
Propane	Carc. 1A

Reproductive toxicity Suspected of damaging 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.

Symptoms Please see section 4 of this SDS for symptoms.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hexanes		2.1 - 2.98: 96 h Pimephales promelas mg/L LC50 flow-through	1000: 24 h Daphnia magna mg/L EC50

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 2.1
 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

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

National Regulations

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Hexanes 110-54-3	RG 59, 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.

International Inventories

TSCA Listed
 EINECS/ELINCS -
 DSL/NDSL -
 PICCS -
 ENCS -
 IECS -
 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
 IECS - 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
R62 - Possible risk of impaired fertility
R38 - Irritating to skin
R12 - Extremely flammable
R45 - May cause cancer
R46 - May cause heritable genetic damage
R65 - Also harmful: may cause lung damage if swallowed
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R48/20 - 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
H361f - Suspected of damaging fertility
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure
H304 - May be fatal if swallowed and enters airways
H411 - Toxic to aquatic life with long lasting effects
H340 - May cause genetic defects
H350 - May cause cancer

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

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