



## Section 1. Identification

**Product identifier** 44312

**Product Identity** Slide E-S Silicone Mold Release

**Other means of identification** Slide E-S Silicone Mold Release

### Relevant identified uses of the substance or mixture and uses advised against

Industrial Mold Release

### Details of the supplier of the safety data sheet

**Company Name** Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090

### Emergency

**24 hour Emergency Telephone No.** Emergency Telephone INFOTRAC 1-352-323-3500  
(International)  
1-800-535-5053 (North America)

**Customer Service:** Phone: 1-847-541-7220  
Fax: 1-847-541-7986

## Section 2. Hazard(s) identification

### Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)

Extremely flammable gas.

Contains gas under pressure; may explode if heated.

**Label elements****Danger**

Extremely flammable gas.

Contains gas under pressure; may explode if heated.

**[Prevention]:**

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Do not breathe dust, fume, mist, vapors or spray.

Do not get in eyes, on skin, or on clothing.

**[Response]:**

IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.

Do NOT induce vomiting.

Leaking gas fire - do not extinguish unless leak can be stopped safely.

In case of leakage, eliminate all ignition sources.

**[Storage]:**

Store in a well ventilated place.

Protect from sunlight. Store in a well ventilated place.

**[Disposal]:**

No GHS disposal statements

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Petroleum gases, liquefied CAS Number: 68476-86-8 Synonyms: Petroleum gases, liquefied, sweetened	25 - 35	Gas under pressure;H280 Flammable Gas, category 1;H220	No data available
Naphtha (petroleum), light alkylate CAS Number: 64741-66-8 Synonyms: No available information	8 - 12	Aspiration hazard, category 1;H304	No data available
Polyglycerol ester of oleic acid CAS Number: 9007-48-1 Synonyms: No available information	1 - 5	Not Classified	No data available
Dimethylsiloxane CAS Number: 63148-62-9 Synonyms: Poly(dimethylsiloxane)	1 - 5	Not Classified	No data available
Water CAS Number: 7732-18-5	50 - 60	Not Classified	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

**Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### Most important symptoms and effects, both acute and delayed

**Overview** No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.

## Section 5. Fire-fighting measures

### Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

### Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.  
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
Do not breathe dust, fume, mist, vapors or spray.  
Do not get in eyes, on skin, or on clothing.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area.  
Wear SCBA during clean-up immediately after fire. No smoking.

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## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### Environmental precautions

Do not allow spills to enter drains or waterways.

### Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.  
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite.  
Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]:

### Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

See section 2 for further details. - [Storage]:

### Specific end use(s)

No available information

## Section 8. Exposure controls / personal protection

### Control parameters

#### Exposure Limits

CAS No.	Ingredient	Source	Value
9007-48-1	Polyglycerol ester of oleic acid	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
63148-62-9	Dimethylsiloxane	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
64741-66-8	Naphtha (petroleum), light alkylate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
68476-86-8	Petroleum gases, liquefied	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

### Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Protective safety glasses recommended.

#### Skin

Avoid skin contact. Protective gloves recommended.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical State	Pressurized aerosol dispensed as a mist.
Color	White emulsion.
Odor	No available information
Odor threshold	No available information
Melting point / freezing point	0 °C / 32 °F
Initial boiling point and boiling range	104-106 °C/ 220-224 °F
Flammability (solid, gas)	Extremely flammable gas.
Upper/lower flammability or explosive limits	<b>Lower Explosive Limit:</b> 1.1 % <b>Upper Explosive Limit:</b> 5.0 %
Flash Point	Not available
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	18 mmHg
Relative Density	No available information
Vapor Density	>1 (Air=1)
Evaporation rate (Ether = 1)	Slow
Oxidising properties	No available information
Explosive properties	No available information
Relative Density	0.8947
Bulk Density	7.468 lb/gal @ 60 °F

### Other information

No other relevant information.

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Avoid high temperatures and contact with incompatible material

### Incompatible materials

No available information

### Hazardous decomposition products

No hazardous decomposition data available.

## Section 11. Toxicological information

### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Petroleum gases, liquefied - (68476-86-8)	No data available.	No data available.	No data available.	No data available.	No data available.
Naphtha (petroleum), light alkylate - (64741-66-8)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.
Polyglycerol ester of oleic acid - (9007-48-1)	No data available.	No data available.	No data available.	No data available.	No data available.
Dimethylsiloxane - (63148-62-9)	17,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
9007-48-1	Polyglycerol ester of oleic acid	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
63148-62-9	Dimethylsiloxane	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
64741-66-8	Naphtha (petroleum), light alkylate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
68476-86-8	Petroleum gases, liquefied	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

### Possible routes of entry:

No available information

### Symptoms and effects, both acute and delayed:

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.



## Section 12. Ecological information

### Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Petroleum gases, liquefied - (68476-86-8)	No data available.	No data available.	No data available.
Naphtha (petroleum), light alkylate - (64741-66-8)	8.20, Pimephales promelas	4.50, Daphnia magna	3.10, Pseudokirchneriella subcapitata
Polyglycerol ester of oleic acid - (9007-48-1)	No data available.	No data available.	No data available.
Dimethylsiloxane - (63148-62-9)	>2,000.00, Fish	>2,000.00, Daphnia magna	>2,000.00, Algae

### Persistence and degradability

There is no data available on the preparation itself.

### Bioaccumulative potential

No available information

### Mobility in soil

No available information

### Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

### Other adverse effects

No available information

## Section 13. Disposal considerations

### Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.



#### Section 14. Transport information

When shipped in containers of 0.3 gallons (1 L) or less this material may be reclassified in accordance with DOT regulations 49 CFR 173.150 / IATA DGR packing instruction Y341/ IMDG Code 3.4 as: Limited Quantity.

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN number</b>	UN1950	UN1950	UN1950
<b>UN proper shipping name</b>	Aerosols	Aerosols, flammable (each not exceeding 1 L capacity)	Aerosols, flammable
<b>Transport hazard class(es)</b>	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable	<b>Class:2.1</b> <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable

#### Environmental hazards

IMDG Marine Pollutant: No;

#### Special precautions for user

No available information

## Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)

### Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0063148-62-9	Dimethylsiloxane	Yes	UVCB XU	ACTIVE
0064741-66-8	Naphtha (petroleum), light alkylate	Yes	UVCB	ACTIVE
0068476-86-8	Petroleum gases, liquefied	Yes	UVCB	ACTIVE
0009007-48-1	Polyglycerol ester of oleic acid	Yes	XU	ACTIVE

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



**Section 16. Other information**

**SDS Revision Date**

06/19/2025

**NFPA**

**Health Hazards**  
Not determined

**Flammability**  
Not determined

**Instability**  
Not determined

**Special Hazards**  
Not determined

**HMIS**

**Health Hazards**  
1

**Flammability**  
1

**Physical Hazards**  
0

**Personal Protection**  
B

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The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

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