



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

Initial Supplier Identifier: THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS CANADIAN ADDRESS IS USED
PLEASE CONTACT A CANADIAN SLIDE DISTRIBUTOR FOR THE FULLY COMPLIANT SDS FILE

Emergency
24 hour Emergency Emergency Telephone INFOTRAC 1-352-323-3500 (International)
Telephone No. 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

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, vapours 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

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

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

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, CO₂, 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, vapours 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.

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 vapours. 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
7732-18-5	Water	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
9007-48-1	Polyglycerol ester of oleic acid	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

CAS No.	Ingredient	Source	Value
63148-62-9	Dimethylsiloxane	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
64741-66-8	Naphtha (petroleum), light alkylate	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
68476-86-8	Petroleum gases, liquefied	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	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 vapour 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

Appearance	White emulsion. Pressurized aerosol dispensed as a mist.
Odour	No available information
Odour threshold	No available information
pH	No available information
Melting point / freezing point	0 °C / 32 °F
Initial boiling point and boiling range	104-106 °C/ 220-224 °F
Flash Point	Not available
Evapouration rate (Ether = 1)	Slow
Flammability (solid, gas)	Extremely flammable gas
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.1 % Upper Explosive Limit: 5.0 %
Vapour pressure (Pa)	18 mmHg
Vapour Density	>1 (Air=1)
Relative Density	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Auto-ignition temperature	No available information
Decomposition temperature	No available information
Viscosity (cSt)	No available information
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 vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Water - (7732-18-5)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Petroleum gases, liquefied - (68476-86-8)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Naphtha (petroleum), light alkylate - (64741-66-8)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Polyglycerol ester of oleic acid - (9007-48-1)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Dimethylsiloxane - (63148-62-9)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}



Safety Data Sheet
Slide E-S Silicone Mold Release

SDS Revision Date: 06/19/2025

Carcinogen Data

CAS No.	Ingredient	Source	Value
7732-18-5	Water	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
9007-48-1	Polyglycerol ester of oleic acid	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
63148-62-9	Dimethylsiloxane	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
64741-66-8	Naphtha (petroleum), light alkylate	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68476-86-8	Petroleum gases, liquefied	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: 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
Water - (7732-18-5)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Petroleum gases, liquefied - (68476-86-8)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Naphtha (petroleum), light alkylate - (64741-66-8)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Polyglycerol ester of oleic acid - (9007-48-1)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Dimethylsiloxane - (63148-62-9)	{CalcFish}	{CalcCrust}	{CalcAlgae}

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.

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

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

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

No available information

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

Canadian Domestic Substance List (DSL):

Dimethylsiloxane

Naphtha (petroleum), light alkylate

Petroleum gases, liquefied

Polyglycerol ester of oleic acid

Water

Canadian Non-Domestic Substance List (NDSL):

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



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

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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.

End of Document