



Section 1. Identification

Product identifier 41812M
Product Identity Slide Penetrant Plus
Other means of identification Slide Penetrant Plus

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

Industrial penetrating fluid

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 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

Extremely flammable gas.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
Causes serious eye damage.
Causes damage to organs through prolonged or repeated exposure. Specific Target Organs: (central nervous system)

Label elements**Danger**

Extremely flammable gas.

Contains gas under pressure; may explode if heated.

Causes skin irritation.

Causes serious eye damage.

Causes damage to organs through prolonged or repeated exposure.

[Prevention]:

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

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

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves, eye protection, and face protection.

[Response]:

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER, doctor or physician.

Get Medical advice or attention if you feel unwell.

If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash it before reuse.

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]:

Dispose of contents or container in accordance with local and national regulations.

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
Distillates (petroleum), hydrotreated light CAS Number: 64742-47-8 Synonyms: Distillates (petroleum), hydrotreated light	50-60	Asp. Tox. 1;H304	----
Petroleum gases, liquefied CAS Number: 68476-86-8 Synonyms: Petroleum gases, liquefied, sweetened	15-20	Press. Gas;H280 Flam. Gas 1;H220	----
White mineral oil (petroleum) CAS Number: 8042-47-5 Synonyms: White mineral oil (petroleum)	10-20	Not Classified	----
1-tetradecanol CAS Number: 112-72-1 Synonyms: Myristic alcohol	0-5	Skin Irrit. 2;H315 Eye Irrit. 2;H319	----
cis-9-Octadecen-1-ol CAS Number: 143-28-2 Synonyms: OCTADECEN-1-OL	1-5	Not Classified	----
Cetyl alcohol CAS Number: 36653-82-4 Synonyms: Cetyl alcohol	0-5	Not Classified	----
Solvent naphtha (petroleum), medium aliphatic CAS Number: 64742-88-7 Synonyms: Solvent naphtha (petroleum), medium aliphatic	1-5	STOT RE 1;H372 Asp. Tox. 1;H304	----
Alcohols, c6-10, ethoxylated propoxylated CAS Number: 68987-81-5 Synonyms: Alcohols, c6-10, ethoxylated propoxylated	1-5	Skin Irrit. 2;H315 Eye Dam. 1;H318	----

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

*PBT/vPvB - PBT-substance 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 Treat symptomatically. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Eyes Causes serious eye damage.

Skin Causes skin irritation.

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: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
Do not breathe dust, fume, mist, vapours or spray.

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: Strong oxidizing agents and acids.

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

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
112-72-1	1-tetradecanol	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
143-28-2	cis-9-Octadecen-1-ol	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
8042-47-5	White mineral oil (petroleum)	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
36653-82-4	Cetyl alcohol	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
64742-47-8	Distillates (petroleum), hydrotreated light	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	200 mg/m ³ TWA (application restricted to conditions with negligible aerosol exposures)
		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
64742-88-7	Solvent naphtha (petroleum), medium aliphatic	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



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CAS No.	Ingredient	Source	Value
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
68987-81-5	Alcohols, c6-10, ethoxylated propoxylated	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

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³OSHA PEL and 5 mg/m³ACGIH.

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	Pale straw Pressurized aerosol dispensed as a mist.
Odour	Bland
Odour threshold	Not determined
pH	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	72-204 °C / 162-400 °F
Flash Point	Not available
Evapouration rate (Ether = 1)	120 minutes
Flammability (solid, gas)	Extremely flammable gas.
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.0% Upper Explosive Limit: 6.0%
Vapour pressure (Pa)	1 mm Hg
Vapour Density	>1 (Air=1)
Relative Density	0.772
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
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

Excessive heat and open flame.

Incompatible materials

Strong oxidizing agents and acids.

Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Section 11. Toxicological information

Acute toxicity

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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).



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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
Distillates (petroleum), hydrotreated light - (64742-47-8)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Petroleum gases, liquefied - (68476-86-8)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
White mineral oil (petroleum) - (8042-47-5)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
1-tetradecanol - (112-72-1)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
cis-9-Octadecen-1-ol - (143-28-2)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Cetyl alcohol - (36653-82-4)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Solvent naphtha (petroleum), medium aliphatic - (64742-88-7)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Alcohols, c6-10, ethoxylated propoxylated - (68987-81-5)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}

Carcinogen Data

CAS No.	Ingredient	Source	Value
112-72-1	1-tetradecanol	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
143-28-2	cis-9-Octadecen-1-ol	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
8042-47-5	White mineral oil (petroleum)	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
36653-82-4	Cetyl alcohol	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
64742-47-8	Distillates (petroleum), hydrotreated light	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
64742-88-7	Solvent naphtha (petroleum), medium aliphatic	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
68987-81-5	Alcohols, c6-10, ethoxylated propoxylated	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	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
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	1	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

Possible routes of entry:

Symptoms and effects, both acute and delayed::

Treat symptomatically.

Eyes Causes serious eye damage.

Skin Causes skin irritation.

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
Distillates (petroleum), hydrotreated light - (64742-47-8)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Petroleum gases, liquefied - (68476-86-8)	{CalcFish}	{CalcCrust}	{CalcAlgae}
White mineral oil (petroleum) - (8042-47-5)	{CalcFish}	{CalcCrust}	{CalcAlgae}
1-tetradecanol - (112-72-1)	{CalcFish}	{CalcCrust}	{CalcAlgae}
cis-9-Octadecen-1-ol - (143-28-2)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Cetyl alcohol - (36653-82-4)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Solvent naphtha (petroleum), medium aliphatic - (64742-88-7)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Alcohols, c6-10, ethoxylated propoxylated - (68987-81-5)	{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 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	Aerosols, flammable
Transport hazard class(es)	TDG Hazard Class: 2.1 Sub Class: Not Applicable	IMDG: 2.1 Sub Class: Not Applicable	Air Class: 2.1 Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable

Environmental hazards

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):

1-tetradecanol

Cetyl alcohol

Distillates (petroleum), hydrotreated light

cis-9-Octadecen-1-ol

Petroleum gases, liquefied

Solvent naphtha (petroleum), medium aliphatic

White mineral oil (petroleum)

Canadian Non-Domestic Substance List (NDSL):

Alcohols, c6-10, ethoxylated propoxylated

Section 16. Other information

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<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 3	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.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

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