

SAFETY DATA SHEET

1. Identification

Product number
Product identifier PEEL (PAINT STRIPPER)
Supplier information Evcor Solutions Inc.
Toronto, Ont. M5V 1T5
Company phone 1-800-860-1531
Emergency telephone 1-613-996-6666

Recommended use Gasket remover
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1
Health hazards Acute toxicity, oral Category 4
Germ cell mutagenicity Category 1
Carcinogenicity Category 1
Reproductive toxicity Category 1A
Specific target organ toxicity, single exposure Category 1
Specific target organ toxicity, repeated exposure Category 2
Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3
Hazardous to the aquatic environment, long-term hazard Category 3
OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. Harmful if swallowed. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 breathe gas. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Call a poison center/doctor if you feel unwell. If exposed: Call a poison center/doctor. Specific treatment (see this label). Rinse mouth.

Storage Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Fire-fighting equipment/instructions

In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Move containers from fire area if you can do it without risk. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Cool containers with flooding quantities of water until well after fire is out. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

General fire hazards

Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stay upwind. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage. Clean contaminated surface thoroughly. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Wipe up with absorbent material (e.g. cloth, fleece). This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle or store near an open flame, heat or other sources of ignition. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Use only with adequate ventilation. Do not breathe gas. Do not taste or swallow. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use personal protective equipment as required. Wear personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Keep locked-up. Keep away from heat, sparks, and flame. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. The pressure in sealed containers can increase under the influence of heat. Keep at temperature not exceeding 49°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Keep in a well-ventilated place. This material can accumulate static charge which may cause spark and become an ignition source. Keep this material away from food, drink and animal feed. Refrigeration recommended. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Methylene Chloride (CAS 75-09-2)	STEL	125 ppm
	TWA	25 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Methanol (CAS 67-56-1)	PEL	260 mg/m3 200 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm
Propylene Oxide (CAS 75-56-9)	PEL	240 mg/m3 100 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Toluene (CAS 108-88-3)	Ceiling TWA	300 ppm 200 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Butane (CAS 106-97-8)	STEL	1000 ppm
Methanol (CAS 67-56-1)	STEL TWA	250 ppm 200 ppm
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm
Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Methanol (CAS 67-56-1)	STEL TWA	325 mg/m3 250 ppm 260 mg/m3 200 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm
Toluene (CAS 108-88-3)	STEL TWA	560 mg/m3 150 ppm 375 mg/m3 100 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
Methylene Chloride (CAS 75-09-2)	0.3 mg/l	Dichloromethane	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.
Toluene (CAS 108-88-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Methanol (CAS 67-56-1) Skin designation applies.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Risk of ignition. Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point. Do not mix with other chemicals.
Incompatible materials	Strong oxidizing agents. Fluorine. Caustics. Chlorine. Nitrates.
Hazardous decomposition products	May include oxides of oxides of carbon. May include oxides of phosphorus.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Harmful if swallowed.
Inhalation	Prolonged inhalation may be harmful. May cause damage to organs by inhalation.
Skin contact	Not available.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Acute LC50: 249 mg/l/4h, Rat, Inhalation
Harmful if swallowed.

Product	Species	Test Results
18 OZ TERAND PAINT STRIPPER LB 12PK (CAS Mixture)		
Acute		
<i>Inhalation</i>		
LC50	Rat	249 mg/l/4h
<i>Oral</i>		
LD50	Rat	
Components		
Butane (CAS 106-97-8)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Methanol (CAS 67-56-1)		
Acute		
<i>Inhalation</i>		
LC50	Cat	85.41 mg/l, 4.5 Hours 43.68 mg/l, 6 Hours
	Mouse	79.43 mg/l, 134 Minutes
	Rat	> 115.9 mg/l, 4 Hours 82.1 mg/l, 6 Hours
<i>Oral</i>		
LD50	Monkey	6000 mg/kg
	Rat	1187 - 2769 mg/kg
<i>Other</i>		
LD50	Mouse	6000 mg/kg

**Components
Species**

Test Results

Methylene Chloride (CAS 75-09-2)

Acute

Dermal

LD50

Rat

> 2000 mg/kg, Days

Inhalation

LC50

Mouse

49 mg/l, 7 Hours

Propane (CAS 74-98-6)

Acute

Inhalation

LC50

Mouse

1237 mg/l, 120 Minutes

52 %, 120 Minutes

Rat

1355 mg/l

658 mg/l/4h

Propylene Oxide (CAS 75-56-9)

Acute

Dermal

LD50

Rabbit

950 - 1250 mg/kg, 4 Hours

1.5 ml/kg, 4 Hours

Inhalation

LC50

-

4197 ppm, 4 Hours

4124 mg/m³, 4 Hours

Oral

LD50

Rat

382 - 587 mg/kg

Toluene (CAS 108-88-3)

Acute

Dermal

LD50

Rabbit

> 5000 mg/kg, 24 Hours

Inhalation

LC50

Mouse

6405 - 7436 ppm, 6 Hours

5320 ppm, 8 Hours

Rat

5879 - 6281 ppm, 6 Hours

12.5 - 28.8 mg/l, 4 Hours

Oral

LD50

Rat

5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation

Not expected to be hazardous by OSHA criteria.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization

Not available.

Skin sensitization

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Germ cell mutagenicity

Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria. May cause genetic defects.

Carcinogenicity

May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Methylene Chloride (CAS 75-09-2)

2B Possibly carcinogenic to humans.

Propylene Oxide (CAS 75-56-9)

2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Methylene Chloride (CAS 75-09-2) Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Methylene Chloride (CAS 75-09-2) Reasonably Anticipated to be a Human Carcinogen.

Propylene Oxide (CAS 75-56-9) Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity May damage fertility or the unborn child. Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria.

Specific target organ toxicity - single exposure Causes damage to organs.

Specific target organ toxicity - repeated exposure Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not likely, due to the form of the product.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Danger of serious damage to health by prolonged exposure. Not expected to be hazardous by WHMIS criteria. May cause damage to organs through prolonged or repeated exposure.

Further information Danger of very serious irreversible effects.

12. Ecological information

Ecotoxicity LC50: 184 mg/L, Fish, 96.00 Hours
 EC50: 289 mg/L, Daphnia, 48.00 Hours
 Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product	Species	Test Results
18 OZ TERAND PAINT STRIPPER LB 12PK (CAS Mixture)		
Aquatic		
Crustacea	EC50	Daphnia 289 mg/L, 48 Hours
Fish	LC50	Fish 184 mg/L, 96 Hours
Components		
Methanol (CAS 67-56-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Methylene Chloride (CAS 75-09-2)		
Aquatic		
Algae	IC50	Algae 500.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 1689.5 mg/L, 48 Hours
		Water flea (Daphnia magna) 1250 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 140.8 - 277.8 mg/l, 96 hours
Propylene Oxide (CAS 75-56-9)		
Aquatic		
Crustacea	EC50	Daphnia 350 mg/L, 48 Hours
Toluene (CAS 108-88-3)		
Aquatic		
Algae	IC50	Algae 433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 7.645 mg/L, 48 Hours
		Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch) 8.11 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.**Bioaccumulative potential** No data available.**Partition coefficient n-octanol / water (log Kow)**

Butane 2.89
 Methanol -0.77

Partition coefficient n-octanol / water (log Kow)

Methylene Chloride	1.25
Propane	2.36
Propylene Oxide	0.03
Toluene	2.73

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Consult authorities before disposal. Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Methanol (CAS 67-56-1)	U154
Methylene Chloride (CAS 75-09-2)	U080
Toluene (CAS 108-88-3)	U220

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information**DOT**

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	6.1(PGIII)
Label(s)	2.1, 6.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable, containing substances in Division 6.1, Packing Group III
Transport hazard class(es)	
Class	2.1
Subsidiary risk	6.1(PGIII)
Label(s)	2.1, 6.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10P
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

US. Pennsylvania Worker and Community Right-to-Know Law

Butane (CAS 106-97-8)
 Methanol (CAS 67-56-1)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Propylene Oxide (CAS 75-56-9)
 Toluene (CAS 108-88-3)

US. Rhode Island RTK

Butane (CAS 106-97-8)
 Methanol (CAS 67-56-1)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Propylene Oxide (CAS 75-56-9)
 Toluene (CAS 108-88-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Benzene (CAS 71-43-2) Listed: February 27, 1987
 Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004
 Methylene Chloride (CAS 75-09-2) Listed: April 1, 1988
 Propylene Oxide (CAS 75-56-9) Listed: October 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997
 Methanol (CAS 67-56-1) Listed: March 16, 2012
 Toluene (CAS 108-88-3) Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date January 1, 2015

Version #

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. 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.