

SAFETY DATA SHEET

1. Identification

Product identifier	Pro Shine Protectant		
Other means of identification			
Synonyms	800002263		
Recommended use	Tire care		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/Distributor information			
Manufacturer			
Company name	ITW Permatex Canada		
Address	35 Brownridge Road, Unit 1 Halton Hills, ON L7G 0C6 Canada		
Telephone	Phone:	1-905-693-8900	
e-mail	Not available.		
Emergency phone number	Emergency Telephone:	1-877-504-9352	
Supplier	Not available.		

2. Hazard identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
Label elements	
Hazard symbol	None
Signal word	None
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store in a well-ventilated place.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Other hazards	None known.
Supplemental information	This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II). Exempt - Consumer product

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Solvent naphtha (petroleum), heavy aliphatic		64742-96-7	60 - 100
Siloxanes and Silicones, dimethyl-		63148-62-9	7 - 13
Octamethylcyclotetrasiloxane		556-67-2	0.1 - 1

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments This product is regulated under the CCCR Criteria (Consumer Chemicals and Containers Regulations, 2001). WHMIS requirements are not applicable.

4. First-aid measures

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Most important symptoms/effects, acute and delayed	Symptoms may include stomach distress, nausea or vomiting. Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed. Treat patient symptomatically.
General information	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Dry chemical, CO ₂ , water spray or regular foam. Dry chemicals.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Firefighters should wear a self-contained breathing apparatus.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire fighting equipment/instructions	Cool containers exposed to heat with water spray and remove container, if no risk is involved.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Combustible. No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8.
Methods and materials for containment and cleaning up	Stop leak if you can do so without risk. Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling	Use only with adequate ventilation. Avoid contact with eyes. When using do not eat or drink. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Avoid contact with skin and clothing. Keep container tightly closed. Avoid breathing vapours or mists of this product. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Keep away from heat and sources of ignition. Store in a closed container away from incompatible materials. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. Do not store at temperatures above 120°F (49°C).

8. Exposure controls/Personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)	TWA	200 mg/m3	Non-aerosol.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)	TWA	200 mg/m3	Vapor.

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)	TWA	200 mg/m3	Non-aerosol.

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)	TWA	200 mg/m3	Non-aerosol.

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH.

Canada - Alberta OELs: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7) Can be absorbed through the skin.

Appropriate engineering controls Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Not normally required when used as directed.

Skin protection

Hand protection If there is constant skin contact, rubber gloves are recommended. Confirm with a reputable supplier first.

Other As required by employer code.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards Not applicable.

General hygiene considerations Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

9. Physical and chemical properties

Appearance Clear

Physical state	Liquid.
Form	Liquid
Colour	Colourless
Odour	Cherry
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	82.2 °C (180.0 °F) Setafash Closed Tester
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (Water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Flash point class	Combustible IIIA
Oxidizing properties	Not oxidising.
Specific gravity	0.82 - 0.86

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport. May react with incompatible materials. This product may react with strong oxidizing agents.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	none under normal use Hazardous polymerisation does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials. Do not mix with other chemicals.
Incompatible materials	Acids. Strong oxidizing agents. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Prolonged skin contact may cause skin irritation. Components of the product may be absorbed into the body through the skin.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard. May cause stomach distress, nausea or vomiting.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include redness, drying, defatting and cracking of the skin. Symptoms may include stomach distress, nausea or vomiting.

Information on toxicological effects

Acute toxicity

Components	Species	Test results
Octamethylcyclotetrasiloxane (CAS 556-67-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	1770 mg/kg
<i>Inhalation</i>		
LC50	Rat	12.7 mg/l/4h
<i>Oral</i>		
LD50	Rat	1540 mg/kg
Siloxanes and Silicones, dimethyl- (CAS 63148-62-9)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	11.6 mg/l/4h, CCOHS
<i>Oral</i>		
LD50	Rat	> 17000 mg/kg
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 6 mg/l/4h
<i>Oral</i>		
LD50	Rat	2500 mg/kg
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Corneal opacity value	Not available.	
Iris lesion value	Not available.	
Conjunctival reddening value	Not available.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitisation		
Respiratory sensitisation	Not a respiratory sensitizer.	
Skin sensitisation	Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
Germ cell mutagenicity	Non-hazardous by WHMIS criteria.	
Carcinogenicity	Non-hazardous by WHMIS criteria. See below.	
ACGIH Carcinogens		
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)	A3 Confirmed animal carcinogen with unknown relevance to humans.	
Canada - Manitoba OELs: carcinogenicity		
KEROSENE (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR (CAS 64742-96-7)	Confirmed animal carcinogen with unknown relevance to humans.	
Reproductive toxicity	Non-hazardous by WHMIS criteria.	
Specific target organ toxicity - single exposure	Not classified.	

Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Non-hazardous by WHMIS criteria.
Further information	Not available.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. See below

Ecotoxicological data

Components	Species	Test results
Siloxanes and Silicones, dimethyl- (CAS 63148-62-9)		
Aquatic		
Fish	LC50 Channel catfish (<i>Ictalurus punctatus</i>)	2.36 - 4.15 mg/L, 96 hours
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Mobility in general	Not 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	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. Review federal, provincial, and local government requirements prior to disposal.
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.
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	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

General Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

UN number	UN1268
Proper shipping name	PETROLEUM DISTILLATES, N.O.S.; or PETROLEUM PRODUCTS, N.O.S.
Technical name	Solvent naphtha (petroleum), heavy aliphatic
Hazard class	3
Packing group	III
Special provisions	92
Packaging exceptions	Limited quantity <5L

TDG



15. Regulatory information

Canadian federal regulations This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II).

This restriction states that Part II does not apply in respect of the sale or importation of anything listed in Schedule 1 which includes any pest control product as defined in subsection 2(1) of the Pest Control Products Act, any explosive as defined in section 2 of the Explosives Act, any cosmetic, device, drug or food, as defined in section 2 of the Food and Drugs Act, any consumer product as defined in section 2 of the Canada Consumer Product Safety Act and any wood or product made of wood.

Canada CEPA Schedule I: Listed substance

Octamethylcyclotetrasiloxane (CAS 556-67-2) Listed.

Canada DSL Challenge Substances: Listed substance

Octamethylcyclotetrasiloxane (CAS 556-67-2) Listed

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS status Controlled

WHMIS classification Exempt - Consumer product

Inventory Status

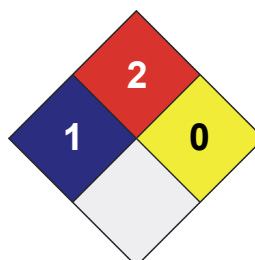
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



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Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. ITW Permatex Canada cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Revision information Product and Company Identification: Synonyms
Composition / Information on Ingredients: Ingredients
Toxicological Information: Toxicological Data
Transport Information: Material Transportation Information
Regulatory Information: United States
Material Attributes & Uses; Experimental Data: Physical States
GHS: Classification
HazReg Data: North America

Prepared by Dell Tech Laboratories Ltd. Phone: (519) 858-5021