

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet meets or exceeds the requirements of the Canadian Controlled Product Regulations (WHMIS)

1. Product and Supplier Identification

Product: Polyshield Lite Duty Strip Soap

Product Use: Graffiti Remover

Supplier: Canadian Building Restoration Products, Inc.,
1434 Rupert Street,
North Vancouver, BC Canada V7J 1E9
Emergency Telephone: (604) 980-3325

Manufacturer: American Building Restoration Products, Inc.,
9720 South 60th Street,
Milwaukee, Wisconsin, USA, 53132

2. Composition

Component	% (w/w)	Exposure Limits
Naphtha Petroleum Hydrocarbon Mixture	22	290 mg/m ³ (8 hour Exposure Limit) 580 mg/m ³ (15 minute Exposure Limit)
Diethylene glycol monobutyl ether (CAS No 112-34-5)	2	None established

3. Hazards Identification

Routes of Entry:

Skin Contact: Major Eye Contact: Major Ingestion: Moderate Inhalation: Minor

Acute Health Effects: Direct contact may cause irritation of the skin and in persons predisposed to skin problems, minor rash may occur. Contact with the eyes may cause severe irritation causing a burning, redness, and tearing. Although ingestion is not a typical route of entry, ingesting small amounts may cause lung inflammation and damage due to the possibility of aspiration while swallowing. Inhalation of vapours may cause dizziness, headache, nausea, and difficulty breathing.

Chronic Health Effects: Prolonged contact with the skin may cause redness, rash leading to dermatitis. No other chronic health effects reported.

4. First Aid Measures

EYE CONTACT: Flush contaminated eye(s) with lukewarm, gently running water for 30 minutes, holding eyelids open. Seek medical attention if irritation persists.

SKIN CONTACT: Wash affected area immediately with mild soap and water and continue for 15 minutes. If irritation persists, seek immediate medical attention. Remove any contaminated clothing and launder clothing before reuse.

INHALATION: This is an unlikely route of entry, but if victim has been exposed to vapours remove to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Get medical attention immediately.

INGESTION: If small amounts have been ingested, **do not induce vomiting**. Dilute contents of stomach with 1-2 glasses of water. If large amounts have been ingested, see a doctor immediately for gastric lavage with a cuffed endotracheal tube. If vomiting occurs naturally have victim lean forward to reduce risk of aspiration. Seek medical attention.

5. Fire Fighting Measures

Flash point:	63 °C (TCC)
Autoignition temperature:	Not applicable. See information under "Fire Fighting Instructions"
Lower Explosive Limit:	Not established
Upper Explosion Limit:	Not established
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Burning may produce carbon monoxide, carbon dioxide, and oxides of nitrogen.

Extinguishing Media: Use carbon dioxide, dry chemical, water fog, or universal foam.

Fire Fighting Instructions: Do not enter confined fire space without proper personal protection. Use approved positive pressure self-contained breathing apparatus. Do not use water except as a fog. Product will float on water and can be re-ignited. Cool surrounding containers with water spray.

6. Accidental Release Measures

Personal Protection: See Section 8 for proper protective equipment to be worn while cleaning an accidental spill.

Environmental Precautions: Not expected to have any environmental impact.

Cleanup Procedures: Absorb onto sand or other inert absorbent media. Shovel into approved closable waste containers for disposal. Thoroughly flush residue with water.

7. Handling and Storage

Handling Procedures: Use in an adequately ventilated area. Keep container tightly closed when not in use. Avoid methods of use that will cause misting of product. Launder clothing before reuse. Wash face and hands thoroughly after handling and before eating, drinking, or using tobacco products. Keep from freezing.

Storage: Store in cool, dry place and in an upright position to prevent leakage and away from sources of ignition.

8. Exposure Controls, Personal Protection

Engineering Controls: If used indoors, ensure adequate ventilation by using local exhaust.

Respiratory Protection: If product is atomized, or heated to product vapours, use a NIOSH approved organic vapour respirator.

Skin Protection: Wear impervious gloves and clothing such as a rubber gloves and apron to prevent skin contact.

Eye and Face Protection: Chemical splash-proof goggles must be worn at all times.

Footwear: As required by worksite rules.

Other: Eye wash station should be located near work area.

9. Physical and Chemical Properties

Appearance:	Clear liquid	Freezing Point	0 °C
Odour:	Aromatic odour	Boiling Point:	174- 204 °C
Odour Threshold:	Not determined	Critical Temperature:	Not applicable.
pH:	Not applicable, organic matrix	Relative Density:	0.91 (water = 1)
Vapour Pressure:	< 5 mg/Hg	Partition Coefficient:	No data
Solubility:	Limited solubility in water.	Evaporation Rate:	0.1 (butyl acetate = 1)
Vapour Density:	3.38 (air = 1)		

10. Stability and Reactivity

Chemical Stability and Reactivity: Product is stable. Product reacts vigorously when mixed with strong oxidizers. Avoid heating product.

Incompatibility: Avoid contact with strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen

Hazardous Polymerization: Hazardous polymerization will not occur.

11. Toxicological Information

Acute Exposure: 6560 mg/kg LD₅₀ (rat/oral) for diethylene glycol monbutyl ether. Product has a theoretical toxicity exceeding 10,000 mg/kg (oral/rat)

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	See Section 3.
Carcinogenicity:	Not available
Teratogenicity:	Not available
Reproductive toxicity:	Not available
Mutagenicity:	Not available
Synergistic products:	None reported.

12. Ecological Information

Environmental toxicity: No data available.

Biodegradability: No data available.

13. Disposal Considerations

Canadian Environmental Protection Act: All ingredients are listed on the DSL. Dispose according to all local, provincial and federal requirements.

14. Transport Information

Canadian Transportation of Dangerous Goods Regulations: Not regulated.

International Air Transport Association (IATA): Not regulated.

International Maritime Organization (IMO): Not regulated.

15. Regulatory Information

Canadian Federal Regulations:

Canadian Environmental Protection Act: All ingredients are on the Domestic Substances List.
WHMIS Classification: B3, D2B

16. Other Information

Preparation Date: February 17, 2000

Prepared by: Kel-Ex Agencies Ltd., P.O. Box 86643, North Vancouver, BC, Canada, V7L 4L2

Comments: This Material Safety Data Sheet was prepared using information provided by Canadian Building Restoration Products, Inc., and CCINFO.

Revisions: None