

# MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and Canadian WHMIS Regulations.

**IMPORTANT: Read this MSDS before handling and disposing of this product.**

**Pass this information on to employees, customers and users of this product.**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

**Product Identity: Protecto Extrication Wrap™**

**Intended Use:** Extraction Protection for Emergency Responders

### HMIS Hazard Ratings

Health 0

Fire 1

Reactivity 0

**Manufacturer:** Protecto Wrap Company  
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Denver, CO 80223

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**Emergency Phone: CHEMTREC: (800) 424-9300**

**MSDS Date of Preparation:** 7/21/10

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## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

This product is black membrane between two layers of 3 ml polyethylene film. When applied, one layer of the film is removed to expose the membrane. Product is not flammable but will burn under fire conditions. May cause eye irritation. Prolonged skin contact may cause skin irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS No.	Amount
Severely Solvent Refined Heavy Naphthalenic Distillate	64741-96-4	20-30%

**Non-Hazardous Components >1%:** Resins and Polymers 60-80%

## 4. FIRST AID MEASURES

**EYE:** First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation persists.

**SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash or irritation develops, get medical attention.

**INGESTION:** If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

**INHALATION:** No first aid is required under normal conditions of use.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT:** >350°F

**FLAMMABLE LIMITS: LEL:** Not applicable **UEL:** Not applicable

**AUTOIGNITION TEMPERATURE:** Not determined

**EXTINGUISHING MEDIA:** Use water fog, foam, carbon dioxide or dry chemical to extinguish fire. Use water to cool fire exposed containers and structures.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Product will burn if exposed to elevated temperatures or fire. Toxic vapors and gases may be released upon combustion.

**SPECIAL FIRE-FIGHTING INSTRUCTIONS:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from fire fighting to enter drains or water courses.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon, sulfur and nitrogen oxides may be formed on combustion.

**EXPLOSION DATA (sensitivity to mechanical impact or static discharge):** None known.

## 6. ACCIDENTAL RELEASE MEASURES

Pick up and place into an appropriate container for disposal. Care should be taken when handling used material. Sharp items such as glass or metal may adhere to the membrane and may cause cuts or skin abrasions.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with the eyes and prolonged contact with skin. Wash with soap and water after use.

**STORAGE:** Store in a cool, well ventilated area away from excessive heat and sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

Severely Solvent Refined Heavy	5 mg/m <sup>3</sup> TWA OSHA PEL (s oil mist)
Naphthalenic Distillate	5 mg/m <sup>3</sup> TWA ACGIH TLV

**ENGINEERING CONTROLS:** General ventilation should be adequate for normal use.

**RESPIRATORY PROTECTION:** None needed under ambient conditions. For firefighting, use self-contained breathing apparatus.

**SKIN PROTECTION:** Cloth or leather gloves should be used when using this product.

**EYE PROTECTION:** Safety glasses or goggles should be worn where contact is possible.

**OTHER:** Wear long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Black membrane between two layers of polyethylene film. When used, one layer of the film is removed to expose the adhesive.

**PHYSICAL STATE:** Solid

**BOILING POINT:** Not available

**VAPOR PRESSURE:** Not applicable

**VAPOR DENSITY:** Not applicable

**EVAPORATION RATE:** Not applicable

**SOLUBILITY IN WATER:** Insoluble

**BULK DENSITY:** Not available

**SPECIFIC GRAVITY:** Not available

**pH:** Not applicable

**MELTING POINT:** Not available

**OCTANOL/WATER COEFFICIENT:** No data available

**VOC CONTENT:** Not available

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal storage and handling conditions.

**INCOMPATIBILITY:** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion or heating to decomposition will produce carbon, nitrogen and sulfur oxides.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**INGESTION:** No adverse effects are expected from normal use. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:** No adverse effects are expected.

**EYE:** Direct contact may cause mild irritation with redness and tearing.

**SKIN:** Prolonged skin contact may cause irritation, defatting of the skin and dermatitis.

**SENSITIZATION:** This product is not expected to cause sensitization.

**CHRONIC/CARCINOGENICITY:** No adverse chronic effects expected.

**MUTAGENICITY:** No adverse effects from available data.

**SYNERGISTIC PRODUCTS:** None specifically known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Employees with pre-existing skin disorders may be at increased risk from exposure.

### ACUTE TOXICITY VALUES:

No acute toxicity data available for components

## 12. ECOLOGICAL INFORMATION

No ecotoxicity data is available for this product at this time.

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

### 14. TRANSPORT INFORMATION

#### **DOT HAZARDOUS MATERIALS DESCRIPTION:**

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

### 15. REGULATORY INFORMATION

**CERCLA/SUPERFUND:** This product is not subject to CERCLA reporting requirements.

**SARA HAZARD CATEGORY (311/312):** Not Hazardous

**SARA 313 INFORMATION:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA INVENTORY:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

#### **CALIFORNIA PROPOSITION 65**

This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity (birth defects: Naphthalene <150 ppm (cancer), N-Methylpyrrolidone <2.5 ppm (developmental)).

#### **CANADA:**

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

**CANADIAN WHMIS CLASSIFICATION:** Not a controlled product (manufactured article).

**CANADIAN CEPA:** This product is a manufactured article and not subject to CEPA requirements.

### 16. OTHER INFORMATION

**NFPA RATING:** Health = 0      Fire = 1      Reactivity = 0

**HMIS RATING:** Health = 0      Fire = 1      Reactivity = 0

#### **NOTICE**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore, users are responsible for verifying the data under their own operating conditions to

determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.