

Material Safety Data Sheet



InterWrap Inc.

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I. PRODUCT IDENTIFICATION AND USE:

Product Identification: Rhinoskin
Product Use/Description: woven coated polyethylene
Product Composition: ~ 94 % polyethylene

II. HAZARDOUS INGREDIENTS:

Hazardous Component	ACGIH TLV	OSHA PEL
Antimony Trioxide CAS # 1309-64-4	0.05MG/m ³	0.05 MG/m ³
Arsenic CAS # 7440-38-2	0.1 MG/m ³	0.01 MG/m ³

FR master batch also contain a proprietary blend of components encapsulated within polymer matrix and those components are considered to be hazardous chemicals per 29CFR 1910.1200

III. PHYSICAL DATA:

- a. **Physical State:** Solid.
- b. **Odor and Appearance:** Pigmented odorless woven fabric
- c. **Odor threshold (ppm):** N.Ap.
- d. **Vapor Pressure (mmHg):** N.Ap.
- e. **Vapor Density (Air = 1):** N.Ap.
- f. **Evaporation rate:** N.Ap.
- g. **Boiling Point (°C):** N.Ap.
- h. **Freezing Point (°C):** N.Ap.
- i. **pH:** N.Ap.
- j. **Specific Gravity:** N.Ap.
- k. **Coef. Water/oil Dist.** N.Ap.

IV. FIRE AND EXPLOSION DATA:

- a. **Flammability:** Not flammable, but in case of a fire it will contribute.
- b. **Means of extinction:** Foam, CO₂, dry chemicals and water spray/fog.
- c. **Flash point (°C) and Method:** N.Ap.
- d. **Upper flammable limit (% by volume):** N.Ap.
- e. **Lower flammable limit (% by volume):** N.Ap.
- f. **Hazardous combustion products:** Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, arsenic oxides, antimony oxides, hydrogen bromide, hydrogen cyanide.
- g. **Explosion Data:** Not sensitive to impact nor to static discharge.
- h. **Special Firefighting Procedures:** Use self-contained breathing apparatus

V. REACTIVITY DATA:

- a. **Chemical stability:** Yes.
- b. **Incompatibility with other substances:** Avoid strong oxidizing agents, acids and bases
- c. **Reactivity:** Stable under normal storage conditions
- d. **Hazardous decomposition products:** Hydrocarbons can be generated during thermal decomposition.

VI. TOXICOLOGICAL PROPERTIES:

- a. **Route of entry:** Skin contact, skin absorption, eye contact and ingestion.
- b. **Effects of acute exposure to product:** None known.
- c. **Effects of chronic exposure to product:** None known.
- d. **Exposure Limits:** Not available.
- e. **Irritancy of product:** Possible skin and eye irritant
- f. **Carcinogenicity:** OSHA regulated – Yes, NTP – Yes, IRAC Monographs - Yes.
- g. **Synergistic Products:** None known

VII. PREVENTIVE MEASURES:

- a. **Gloves:** Recommended but not required.
- b. **Other precautions:** Safety glasses and long sleeves are recommended
- c. **No respirator required under normal use.**
- d. **Leak and spill procedure:** N.Ap.
- e. **Waste disposal:** Do not burn, See your local authorities for disposal instructions.
- f. **Handling and Storage:** Avoid eye and prolonged skin contact. Workers should wash hands thoroughly with soap and water prior to eating, drinking, smoking or using lavatory. Rolls should be adequately restrained to prevent shifting during handling and storage.
- g. **Storage Requirements:** Store in original sealed packaging indoors at ambient temperatures
- h. **Special shipping information:** None.

VIII. FIRST AID MEASURES:

Flush eyes and skin with water for twenty to thirty minutes. If breathing becomes difficult, move to fresh air area. If swallowed give plenty of clean water to drink. Do not induce vomiting. Get medical attention.

IX. OTHER INFORMATION:

- a. **DOT Shipping Name:** Not Available
- b. **DOT Hazard Class:** Not Available

Prepared by: IWI R&D group. (604) 820-5400
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