

**Soils Barrier SB-11 (Aerosol)**  
**Material Safety Data Sheet**

**Section 1 – Manufacturer Information**

Distributor Diversified Products Mfg Inc.  
5523 Baggett Marysville Rd  
Oroville, CA 95965  
Trade Name Soils Barrier

Emergency Phone # 800-535-5053  
Prepared By Safety Advisor  
Prepared/Revised Dec 12, 2002  
Part Number SB-11

|                             |                         |                           |                                 |
|-----------------------------|-------------------------|---------------------------|---------------------------------|
| <b>Health.....2</b>         | <b>Flammability...4</b> | <b>Reactivity...0</b>     | <b>Special Hazards.....None</b> |
| 0 Normal use Material       | 0 Will Not Burn         | 0 Stable                  |                                 |
| 1 Slight Hazard (temporary) | 1 Possible to Burn      | 1 Unstable if Heated      |                                 |
| 2 Health Affected (lengthy) | 2 Burns if Heated       | 2 Violent Chemical Change |                                 |
| 3 Extreme Danger            | 3 Easily Burns          | 3 Shock & Heat Sensitive  |                                 |
| 4 Severe or Fatal           | 4 Very Easily Burns     | 4 May Explode             |                                 |

**Section 2 – Ingredients**

| <b>Chemical/Common Name</b> | <b>CAS-Number</b> | <b>%</b> | <b>PEL-OSHA</b> | <b>TLV-ACGIH</b> | <b>Other</b> |
|-----------------------------|-------------------|----------|-----------------|------------------|--------------|
| Propane                     | 74-98-6           | 21-24    | 1000 ppm        | 2500 ppm         | None         |
| V.M. &P. Naphtha            | 64742-89-8        | 12-22    | 300 ppm         | 300 ppm          | None         |
| Xylene                      | 1330-20-7         | 10-21    | 100 ppm         | 100 ppm          | None         |
| N-Butane                    | 106-97-8          | 11-15    | 800 ppm         | 800 ppm          | None         |
| Hexane                      | 110-54-3          | 3-11     | 50 ppm          | 50 ppm           | None         |
| Isohexane Isomers           | 107-83-5          | <8       | 500 ppm         | 500 ppm          | None         |
| Ethylbenzene                | 100-41-4          | 2-3.8    | 100 ppm         | 100 ppm          | None         |
| Methyl n-Amyl Ketone        | 110-43-0          | 3        | 100 ppm         | 50 ppm           | None         |
| Isobutyl Acetate            | 110-19-0          | <3       | 150 ppm         | 150 ppm          | None         |
| Ethyl-3-Ethoxypropionate    | 763-69-9          | <3       | N/E             | N/E              |              |

**Section 3 – Health Data**

**CARCINOGENICITY:** IARC 2B

**HEALTH EFFECTS:** Acute and Chronic

**SIGNS AND SYMPTOMS OF EXPOSURE** Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation

**PRIMARY ROUTES OF ENTRY:** Inhalation, Skin, Ingestion, Eyes

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

**EMERGENCY FIRST AID PROCEDURES:**

**Eye Contact** Flush with large amounts of water. If irritation persists, contact Physician.

**Skin Contact** Wash with Soap and Water.

**Inhalation** Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.

**Ingestion** Contact Physician or Poison Control Immediately.

**Section – 4 Chemical Data**

|                                 |  |
|---------------------------------|--|
| Boiling Point (F) ..... 342 F   | Specific Gravity (Water = 1).....0.66-0.69     |
| Vapor Pressure ....760 mm @ 20C | Percent Volatile by Volume (%).....79.45-88.62 |
| Vapor Density (Air = 1)... >1   | Evaporation Rate (Butyl Acetate=1)...>1.0      |
| Solubility in Water..... N/A    | Weight lbs per gallon.....5.63-5.73            |

**Appearance and Odor Information:** Various colors, syrupy liquid with solvent odor

**Section 5 – Physical Data**

|  |   |
|--|---|
| Flash Point (Method Used).....Less than -25F | Flammable limits LEL = 0.9% UEL = 11.5% |
|  | Explosive limits .9-11.5%               |

Flammability limits are based on the min/max LEL/UEL of the components.

**Extinguishing Media:** Carbon Dioxide, Dry Chemical or Foam

**Special Fire Fighting Procedures:** Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.

**Unusual Fire and Explosion Hazards:** This material is flammable and may be ignited by heat, sparks flame or static electricity. Level 3 aerosol (NFPA 30B).

Contents under pressure if heated over 120F aerosol can could explode, even when empty.

**Incompatibility (Materials to Avoid):** Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.

**Hazardous Decomposition - By Products:** Carbon Dioxide and/or Carbon Monoxide and unidentifiable organic materials.

**Will hazardous Polymerization Occur?** No

**Conditions to Avoid for Polymerization:** N/A

**Is the Product Stable?** Yes Conditions to Avoid for Stability: Avoid contact with heat, sparks or open flame. Product may explode if heated.

## Section 6 – Spill or Leak Procedures

**Steps to be taken in Case Materials are Released or Spilled:** Wipe up with floor absorbents. Transfer to Hood. Prevent runoff to sewers. Eliminate all sources of ignition. Ventilate to maintain exposure below P.E.L.'s.

**Waste Disposal Methods:** Dispose of products in accordance with local, county, state and federal regulations.

## Section 7 – Exposure Control Information

**Ventilation:** Local Exhaust to maintain exposure limits below P.E.L.'s

**Respiratory Protection:** Organic Vapor Cartridge, NIOSH Approved

**Eye Protection:** Chemical splash goggles or approved eye protection

**Protective Gloves:** Wear solvent-resistant gloves such as Viton, Polyvinyl Alcohol, or equivalent where prolonged or repeated contact with the spray mist or deposited product is likely.

**Other Protective Equipment:** Impervious clothing and boots as needed.

**Other Engineering Controls:** To determine exposure levels, monitoring should be performed. Eyewash station should be available.

**Work & Hygienic Practices:** Wash thoroughly after handling.

## Section 8 – Special Precautions

**Precautions to be taken in Handling and Storage:** Keep away from sparks, flames and heat sources. Do not store above 120F. Level 3 Aerosol (NFPA 30B)

**Maintenance Precautions:** Do not remove or deface label.

**Other Precautions:** Keep container closed when not in use. Store this product with adequate ventilation in cool areas. Never place aerosol in flame or fire, even when empty.

## Section 9-Transportation Information

D.O.T. Proper Shipping Name: Aerosol

D.O.T. Hazard Class: 2.1

If a "Consumer Commodity Code ORM-D", What is the Hazard Class: 2.1

D.O.T. Id. No. (N/U or N/A): UN 1950

Hazard label or marking required on Shipping Ctn: ORM-D

IATA Proper Shipping Name: Aerosol

IATA Hazard Class: 2.1

IMO No: None

## Section 10 – 313 Supplier Notification

This product contains the following chemicals subject to reporting requirements of section 313 of the emergency planning and community right to know act of 1986, 40 CFR 372 (see table on page 1 for CAS # and percent by weight) Xylene, Hexane, Ethylbenzene

**Warning:** This product contains Chemicals known to the State of California to cause Cancer and Birth Defects or other Reproductive Harm.

## Disclaimer

Diversified Products Mfg Inc. provides this information in good faith, but makes no representation as to its comprehensiveness or its accuracy. This document is offered as a guide to a trained person, for appropriate precautionary handling. Persons using the product and receiving the information must exercise independent judgment in determining the appropriateness of the use and the safety information must exercise independent judgment in determining the appropriateness of the use and the safety information for their particular use. DIVERSIFIED PRODUCTS MFG INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OF THE PRODUCT. ACCORDINGLY DIVERSIFIED PRODUCTS MFG LLC WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM THE USE OR RELIANCE ON THIS INFORMATION.