



## Material Safety Data Sheet

Printing Date 02/20/2007

Revision Number 3

Reviewed on 02/19/2007

### 1 Product Information

**Product information:**

· **Trade name:** 92211, EPDM TAPE PRIMER WASH

· **Manufacturer/Supplier:**

Portals Plus, Inc  
484 N. Thomas Drive  
Bensenville, IL 60106  
(Tel): 630-595-7320

· **Emergency information:**

ChemTrec: UNITED STATES 1(800)424-9300

· **Proper Shipping Name:** Flammable Liquid (Toluene) UN1133

### 2 Hazardous Ingredients Information

<u>Chemical Name</u>	<u>CAS#</u>	<u>% by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Light Aliphatic Solvent Naphtha	64742-89-8	40-60	300 ppm	500 ppm
Aromatic Hydro-Carbon Solvent	108-88-3	25-45	100 ppm	200 ppm

### 3 Physical and Chemical Data

- **Appearance & Odor:** Translucent gray liquid with characteristic aliphatic solvent odor
- **Physical state:** Liquid
- **Boiling Point:** 185°F
- **Specific gravity:** (water = 1): 0.82
- **Evaporation Rate:** (ethyl ether = 1): 3.5
- **Percent Volatiles:** 85%
- **Solubility in water:** Insoluble
- **Vapor Pressure:** 38mm Hg @ 68°F, 20°C
- **Vapor Density:** (air = 1): 3.6
- **Percent Solids (by weight):** 15%
- **Melting Point:** N/A
- **VOC Content:** 645 grams/liter

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## 4 Fire and Explosion Hazard Data

· **Flash Point: 10°F**

· **Method Used:** Estimate based on the flash point of the most volatile component

· **Flammable Limits:** LEL: 1.2% UEL: N/A

· **Proper Extinguishing Media:** Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire-exposed containers cool.

· **Recommended Firefighting Procedures:** Treat as a class "B" fire. Limit firefighting to those trained to do so. If a leak or spill has ignited, use water spray to disperse the vapors and protect the men attempting to do so. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop the leak. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

· **Unusual Fire & Explosion Hazards:** Vapors are heavier than air and may travel along the ground and be ignited by ignition sources distant from the handling point. Residue in "empty" containers may be explosive if exposed to ignition source. To prevent fire or explosion from static accumulation and discharge, effectively ground the product transfer system.

## 5 Health Hazard Data

· **Medical Conditions aggravated by exposure:** Pre-existing eye, skin and pulmonary disorders may be aggravated by exposure to this product.

· **Primary Route of Entry:** Skin absorption: YES

Inhalation: YES

Ingestion: YES

Eye Contact: YES

· **Signs and Symptoms of Exposure:**

**Skin Contact:** Can cause severe redness, irritation, tearing, blurred vision.

**Inhalation:** Can cause redness, irritation, defatting, dermatitis. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Eye Contact:** Can cause severe irritation, redness, tearing blurred vision

· **Emergency and First Aid Procedures:**

**In eyes:** Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.

**Inhaled:** Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.

**Ingested:** Do not induce vomiting Get medical attention.

**On skin:** Wash with soap and water. Get medical attention if irritation persists.

· **Acute Effects of Overexposure:** Irritation, redness

· **Chronic Effects: (include all potential carcinogens present @ .1% or greater:** prolonged or repeated contact with the skin can cause moderate irritation, defatting, dermatitis

· **Carcinogenicity:** NTEP? No

IARC Monographs? No

OSHA regulated? No

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## 6 Reactivity Data

- **Stability:** Stable
- **Conditions to Avoid:** None Known
- **Hazardous Decomposition Products:** In the event of partial combustion, fumes, smoke, carbon monoxide, aldehydes and other decomposition products may be released.
- **Hazardous Polymerization:** Will not occur
- **Incompatibility:** Avoid contact with strong oxidizing agents

## 7 Precautions for safe handling and use

· **Ventilation:** General exhaust as needed to keep TLV below recommended levels if engineering or administrative controls are not adequate.

· **Personal Protective Equipment:**

Respirator: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain solvent TLV below recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.

Gloves: Buna-N, if needed

Eye Protection: Safety Glasses with side shields if needed

Other Protective Clothing/Articles: To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

· **Work and hygienic measures:** Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals and at the end of the workday. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water. Eye wash stations should be available where product may come in contact with the eyes.

· **Steps to be taken in case material is released or spilled:**

Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

· **Waste Disposal Method:** If this product becomes a waste, it is considered a hazardous waste due to its ignitability. Dispose of in accordance with local, state, and federal environmental waste regulations.

· **Storage and Handling procedures:** Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned.

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## 8 Regulatory Information

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory

If this product becomes a waste, it meets the criteria of a hazardous waste as defined under RCRA 40CFR261

Hazardous Material Identification System (HMIS)

Health Hazard Rating: 1 CAUTION: Irritation or minor reversible injury possible

Flammability Hazard Rating: 3 WARNING: Material capable of ignition under almost all normal temperature conditions..

Reactivity Hazard Rating: 0 Normally stable and will not react with water

Personal Protective Equipment: H Safety glasses, gloves, apron, vapor respirator

· **EPA SARA Title III Hazard Class (40CFR370):** Acute Health Hazard  
Chronic Health Hazard  
Fire Hazard

· **EPA SARA Title III Section 313 (40CFR372):** Aromatic hydrocarbon solvent  
C.A.S. # 108-88-3 25 – 45%

· **EPA SARA Title III (40CFR355):** There are no components present in this product at a level which would require reporting

· **This product contains a chemical that is listed on the following states hazardous material list:**

Pennsylvania Hazardous Substance List: YES

New Jersey Workplace Hazardous Substance List: YES

Massachusetts Substance List: YES

Canada (WHMIS) Ingredient Disclosure List: YES

· **California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):**

This products contains a listed substance, which the State of California has found to cause cancer, birth defects, or other reproductive harm, in a form which would require a warning under the statute. Toluene CAS 108-88-3

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