

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

U.S. PLY, INC.
P.O. Box 11740
Fort Worth, TX 76104

Non-Emergency Information

Telephone: U.S. PLY, INC. (866) 787-4759 or (817) 413-0103

Emergency Information

Transportation Emergency Telephone: 1-800-424-9300

Product Name: USP EPDM PRIMER
Product Use: EPDM Primer/Cleaner

SECTION 2 – COMPOSITION (INFORMATION OF INGREDIENTS)

Reportable Components	CAS Number	Vapor Pressure Mm Hg @ Temp	Weight Percent (+/-2%)
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No ingredients in this product are hazardous as defined by the U.S. Department of Labor.

SECTION 3 – HAZARDS IDENTIFICATION

Physical Hazards:

APPEARANCE AND ODOR: Clear liquid; mild odor

Material is harmful if swallowed. Avoid inhalation of vapor or spray mists. Common irritation symptoms- severe irritation of nose, throat and lungs. Corrosion to skin can cause burns. Corrosion to eyes can cause corneal burns and/or permanent eye injury.

Potential Health Effects:

May aggravate pre-existing respiratory and skin disorders.

Exposure Routes:

Primary: Inhalation, skin contact and eye contact.

Inhalation: Breathing vapor or spray mist can cause severe irritation of nose, throat and lungs.

Skin Contact: Exposure causes skin irritation. Symptoms may include redness, burning, drying and cracking.

Absorption: Skin absorption is possible, corrosion to skin may result in redness, burning, drying and cracking.

Eye Contact: Exposure to liquid or vapor causes severe eye irritation. Can cause corneal burns and even permanent eye injury.

Ingestion: Material is harmful if swallowed. Material can cause burning and severe swelling of the mouth, throat and digestive tract. Ingestion of larger amounts can result in corrosive action in the mouth, stomach tissue and digestive tract. Symptoms can include abdominal pain, gastrointestinal irritation, nausea, vomiting and even diarrhea.

Read the entire MSDS for a more thorough assessment to the hazard information on this product.

SECTION 4 – FIRST AID MEASURES

General: In case of accident or if you feel unwell, seek medical advice IMMEDIATELY. (Show the product label where possible)

Inhalation: Remove victim from exposure to well ventilated area. If breathing is labored, qualified personnel should administer oxygen. Apply artificial respiration if breathing has ceased or shows signs of failing.

Skin Contact: Remove contaminated clothing. Immediately wash affected areas thoroughly with soap and water. If irritation, redness, or a burning sensation develops and persists, obtain medical advice. Contaminated clothing should be thoroughly cleaned before reuse. Discard contaminated articles made of leather.

Eye Contact: Immediately flush eyes running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY.

Ingestion: Do NOT induce vomiting. Give milk or water to drink provided the patient is conscious. Seek medical attention IMMEDIATELY. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person.

Note to Physicians: No specific antidote, treat symptomatically. Material is corrosive. Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits In Air by Volume:
(Lower): N/A (Upper): N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unusual Hazards: Combustion generates toxic fumes of the following:
Carbon oxides, phosphorous oxides

Fire Fighting Procedures: As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. No unusual fire or explosion hazards.

Fire Fighting Protective Equipment: Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

For major spills call CHEMTREC (800-424-9300).

Spills, Leaks, or Releases: Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as sawdust, vermiculite or sand, and place in a closed container. In case of large spill, dike the area to prevent this material from entering water systems or sewers.

Note: Spills on porous surfaces are to be removed with inert absorbent.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid breathing aerosols, mists and vapors. Avoid prolonged or repeated skin contact (See Section 8—Exposure Control for details)

Storage Requirements: Keep containers properly sealed and when stored indoors, in a well-ventilated area.

Storage Temperature: Avoid storage above 100°F. **Do not freeze.**

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

PREVENTATIVE MEASURES:

Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.

Work/Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work, using plenty of soap and water. Open containers of food and beverage should be kept away from areas where the product is used or stored. Eating, drinking, smoking and application of cosmetics should be prohibited in areas where the product is being used.

Engineering Controls: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection: Chemical-resistant gloves should be worn whenever this material is handled. Glove permeation data does not exist for this material. The following glove(s) should be used for splash protection only: - Neoprene- Butyl rubber Gloves should be removed and replaced immediately if there is any

indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water.

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.

Other Protection: Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact. Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in the work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear – link pink
 Odor: Mild odor
 Flash Point: N/A
 Vapor Density (Air=1): < Water
 Boiling Point: 212°F
 Solubility (Water): Soluble
 VOC: < 20 grams / liter
 Specific Gravity: 1.02
 Evaporation Rate: Slower than ether
 Vapor Density: Heavier than air
 pH: 7.0

SECTION 10 – STABILITY AND REACTIVITY

Hazardous Decomposition Products:
 Oxides of carbon, oxides of nitrogen, acrylic monomers.

Chemical Stability:
 Stable at room temperature.

Conditions to Avoid:
 Avoid freezing.

Incompatibility:
 Avoid contact with the following: Strong oxides, strong reducing agents, strong bases, strong acids, strong mineral acids, aluminum, tin and zinc.

Hazardous Polymerization:
 Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Potential Health Effects: May aggravate pre-existing respiratory and skin disorders.

No LC50 or LD50 data is available

Inhalation: Breathing vapor or spray mist can cause severe irritation of nose, throat and lungs.
Skin Contact: Exposure causes skin irritation. Symptoms may include redness, burning, drying and cracking.
Absorption: Skin absorption is possible, corrosion to skin may result in redness, burning, drying and cracking.
Eye Contact: Exposure to liquid or vapor causes severe eye irritation. Can cause corneal burns and even permanent eye injury.
Ingestion: Material is harmful if swallowed. Material can cause burning and severe swelling of the mouth, throat and digestive tract. Ingestion of larger amounts can result in corrosive action in the mouth, stomach tissue and digestive tract. Symptoms can include abdominal pain, gastrointestinal irritation, nausea, vomiting and even diarrhea.
Carcinogenicity: The ingredients of this product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogens by NTP.

SECTION 12 – ECOLOGICAL INFORMATION

No data is available

SECTION 13 – DISPOSAL CONSIDERATIONS

Procedure: Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations. (See 40 CFR 268)

Waste Classification: 40 CFR 261.20 - .24 Characteristic Waste D002

SECTION 14 – TRANSPORT INFORMATION

DOT: US DOT Hazard Class: Cleaning Compound NOBIN, Liquid, Not Regulated

Transportation Emergency Telephone Number: 1-800-424-9300 (CHEMTREC)

SECTION 15 – OTHER INFORMATION

Workplace Classification

SARA: No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA (Toxic Substances Control Act) Regulations: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

NFPA: Health 1; Fire 0; Reactivity 0

HMS: Health 1; Flammability 0; Reactivity 0; Protection X