

Firestone Building Products Company

Material Safety Data Sheet

August 12, 2008

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: UltraPly TPO Cut-Edge Sealant
Chemical Name / Synonym: Butyl Rubber (base polymer)
Chemical Family: Mixture
24-Hour Emergency Phone: (800) 424-9300 CHEMTREC
Manufacturer's Name: Firestone Building Products Company
Manufacturer's Address: 250 West 96th Street, Indianapolis, IN 46260
NFPA Hazard Rating: Health 2, Flammability 3, Reactivity 0
HMIS Hazard Rating: Health 2*, Flammability 3, Reactivity 0

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Xylene	Xylol	1330-20-7	57-67	PEL 100 ppm TLV 100 ppm TLV-STEL 150 ppm
Stoddard Solvent	Mineral Spirits	8052-41-3	11-15	PEL 500 ppm TLV 100 ppm
Nonhazardous as per 29 CFR 1910.1200.	None	EPA TSCA Registered	18-32	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation
Signs and Symptoms of Exposure: Eye contact may cause moderate eye irritation, redness, tearing and blurred vision. Prolonged or repeated skin contact may cause irritation, dermatitis and drying of the skin. Inhalation may cause respiratory system irritation and central nervous system depression (Narcosis) characterized by headache, dizziness, muscular weakness and fatigue. May cause unconsciousness if exposure is excessive. LC₅₀ Stoddard Solvent: 8 gm/m³/8H-C, dog; LD₅₀ Stoddard Solvent: >5 g/kg, rat; LC₅₀ Xylene: 5,000 ppm/4 hr, rat; LD₅₀ Xylene: 4.3 g/kg, rat.
Medical Conditions Aggravated by Exposure: Pre-existing lung, skin or nervous system disorders may be aggravated by exposure to this material.
Chronic Effects: May cause kidney, ureter, bladder and blood damage based upon animal studies.
Carcinogenicity: None.

SECTION 4: FIRST AID MEASURES

First Aid Procedures: If this material contacts the eyes, hold eyelids open and flush immediately with a gentle stream of water for at least 15 minutes, preferably at an eyewash fountain. In case of skin contact, clean with rubbing alcohol first, followed immediately

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by washing affected area with soap and water. For inhalation of this product's vapor, remove to fresh air and treat symptomatically. In case of accidental ingestion, do not induce vomiting. Get medical attention and advise the physician of the nature of the material.

SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	Foam, carbon dioxide, or dry chemical.
Hazardous Combustion Products:	Carbon dioxide, nitrogen oxides, carbon monoxide, partially burned carbon and acrid fumes.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus as toxic fumes and vapors may be evolved.
Unusual Fire and Explosion Hazards:	Heat builds up pressure in closed containers. Cool with a water stream.

SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	Remove ignition sources. Absorb on inert material. Use non-sparking tools. Place in secure containers for disposal.
Precautions to Be Taken in Handling and Storing:	Keep away from heat, sparks, and open flames. Keep containers closed. Vapors of this material are heavier than air and may collect in low or confined areas. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in well-ventilated area.
Respiratory Protection:	If personal exposure concentrations cannot be maintained below the appropriate exposure limits using engineering controls, a NIOSH approved organic vapor air purifying respirator may be appropriate based on employer-determined exposure conditions. Air supplied or SCBA respirators may be required when the measured chemical concentration exceeds the capacity of the air-purifying respirator or when personal exposure levels are unknown.
Eye Protection:	The use of safety glasses with side shields when handling or applying this product may be necessary to prevent eye contact.
Skin Protection:	The use of nitrile or polyvinyl alcohol gloves for direct handling may be necessary.
Other:	None recommended
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

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SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Viscous liquid, aromatic solvent odor; white, gray or tan in color.		
Flash Point:	86° F	Lower Explosive Limit:	1.1%
Method Used:	TCC	Upper Explosive Limit:	7%
Evaporation Rate:	Unknown	Boiling Point:	279° F
pH (undiluted product):	Unknown	Melting Point:	Not Applicable
Solubility in Water:	Insoluble	Specific Gravity:	0.939 (Water=1)
Vapor Density:	Unknown (Air=1)	Percent Volatile:	76%
Vapor Pressure:	5 mm Hg @ 20° C		

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	Keep away from strong oxidizers, acids, and bases.

SECTION 10: TRANSPORTATION

Regulatory Agency:	USA, DOT
Proper Shipping Name:	Adhesives, Flammable
Hazard Classification:	Flammable Liquid
Identification Number:	UN1133
Packing Group:	III
Labels Required:	Flammable

SECTION 11: MISCELLANEOUS INFORMATION

Additional Comments:	None
Date of Previous MSDS:	August 17, 2007
Changes Since Previous MSDS:	Address change in section 1.
Telephone Number for Additional Information:	(317) 575-7190

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