

# Firestone Specialty Products Company

## Material Safety Data Sheet

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### SECTION 1: PRODUCT IDENTIFICATION

Product Name: EPDM Tape Kit  
 Chemical Name / Synonym: QuickSeam™ Tape Kit, QuickSeam™ Tape Seaming Kit  
 Chemical Family: None  
 24-Hour Emergency Phone: (800) 424-9300 CHEMTREC  
 Manufacturer's Name: Firestone Building Products Company, LLC  
 Manufacturer's Address: 250 West 96<sup>th</sup> Street, Indianapolis, IN 46260  
 NFPA Hazard Rating: Health 1, Flammability 3, Reactivity 0  
 HMIS Hazard Rating: Health 1, Flammability 3, Reactivity 0

**While this MSDS applies to kit contents QuickSeam™ Batten Cover (510) and TPO QuickPrime™, TPO QuickPrime™ is the only content classified under OSHA 29 CFR 1910.1200 as hazardous. For this reason, the contents of this MSDS apply only to the TPO QuickPrime™. All other contents are non-hazardous.**

### SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Aliphatic Petroleum Distillates	Naphtha	64742-89-8	40-60	None Established
Toluene	Toluol	108-88-3	20-40	PEL 200 ppm OSHA Ceiling 300 ppm TLV 20 ppm

### SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Skin Absorption, Inhalation

Signs and Symptoms of Exposure: Eye contact may cause severe eye irritation, redness, tearing and blurred vision. Prolonged or repeated skin contact may cause irritation, dermatitis and drying of the skin. Absorption through intact skin may contribute to an individual's overall exposure. 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. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal. Inhalation of Toluene vapors above 200 ppm may result in impairment of coordination, increased reaction time and a bad taste in the mouth. LC<sub>50</sub> Toluene: 8,000 ppm/4hr, rat; LC<sub>50</sub> Aliphatic Petroleum Distillate: 3,400 ppm/4hr, rat; LD<sub>50</sub> Toluene: 5 g/kg, rat; LD<sub>50</sub> Aliphatic Petroleum Distillate: >8 g/kg, rat.

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin, and pulmonary disorders may be aggravated by exposure to this product.  
 Toluene exposures have caused birth defects in laboratory animals when exposures were at concentrations that harmed the pregnant animal. The relevance of these findings to humans is uncertain.

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Chronic Effects:	May cause kidney and spleen damage. May cause brain cell and neuromuscular damage based upon animal studies. Prolonged and repeated contact with the skin can cause moderate irritation, defatting and dermatitis.
Carcinogenicity:	IARC classifies petroleum distillates as class 3, <i>unclassifiable as to carcinogenicity in humans</i> .

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### SECTION 4: FIRST AID MEASURES

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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. Get medical attention. In case of skin contact, wash affected area with soap and water. In case of inhalation, remove to fresh uncontaminated air. Administer oxygen if breathing is labored. Give artificial respiration if breathing has stopped. Get medical attention immediately if oxygen or artificial respiration is administered. In case of accidental ingestion, do not induce vomiting. Get medical attention and advise the physician of the nature of the material.
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### SECTION 5: FIRE FIGHTING PROCEDURES

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Suitable Extinguishing Media:	Carbon dioxide, dry chemical, or foam. Do not use a direct stream of water. Product will float and can be reignited on the surface of the water at a distance from the handling point.
Hazardous Combustion Products:	Carbon dioxide and carbon monoxide, oxides of nitrogen, hydrogen chloride, various hydrocarbons, phenols, acrid smoke and irritating fumes.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved. If a leak or spill has ignited, a water spray may be used to disperse the vapors and to protect the firefighters attempting to stop the leak.
Unusual Fire and Explosion Hazards:	Heat builds up pressure in closed containers. Cool with water spray.

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### SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to Be Taken in Case Material is Released or Spilled:	Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product clear of sewers, water, or extensive land areas. Assure conformity with applicable government regulations. Continue to observe precautions for volatile, flammable vapors from absorbed material.
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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 will 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 near containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground all transfer containers and equipment.

### SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in a well-ventilated location.
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 levels. 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 or chemical splash goggles when using this product may be warranted.
Skin Protection:	The use of nitrile or polyvinyl alcohol gloves for direct handling may be warranted.
Other:	Not required.
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking and smoking and at the end of each work shift. Wash contaminated clothing prior to reuse.

### SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Clear liquid with characteristic solvent odor.		
Flash Point:	18°F	Lower Explosive Limit:	1.2%
Method Used:	Closed Cup	Upper Explosive Limit:	7.1%
Evaporation Rate:	3.5	Boiling Point:	185° F
pH (undiluted product):	Unknown	Melting Point:	Not Applicable
Solubility in Water:	Insoluble	Specific Gravity:	1.18(Water=1)
Vapor Density:	3.6 (Air=1)	Percent Volatile:	85%
Vapor Pressure:	38 mm Hg @ 20°C		

### SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid flames, sparks or other sources of ignition. Incompatible with strong oxidizing agents.

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### SECTION 10: TRANSPORTATION

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Regulatory Agency:	Department of Transportation
Proper Shipping Name:	Adhesive
Hazard Classification:	Class 3
Identification Number:	UN 1133
Packing Group:	II
Labels Required:	Flammable
Other Requirements:	Unknown

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### SECTION 11: MISCELLANEOUS INFORMATION

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Additional Comments:	Be sure to reference note in section 1 regarding MSDS content
Date of Previous MSDS:	September 11, 2009
Changes Since Previous MSDS:	Review only.
Telephone Number for Additional Information:	(317) 575-7190

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### DISCLAIMER

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The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.