

Firestone Building Products Company

Material Safety Data Sheet

June 28, 2010

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: UltraFlash Liquid Flashing – Part A
 Chemical Name / Synonym: None
 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 1, Flammability 2, Reactivity 0
 HMIS Hazard Rating: Health 1, Flammability 2, Reactivity 0

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Asphalt (Petroleum)	Bitumen	8052-42-4	20-80	TLV 0.5 mg/m ³ (Inhalable)
Stoddard Solvent	Mineral Spirits	8052-41-3	≤30	PEL 500 ppm TLV 100 ppm
Amine Compounds	None	TSCA Registered	≤10	None Established
Aromatic Petroleum Distillates	Petroleum Naphtha	64742-95-6	≤2	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. Stoddard solvent LC₅₀: 5500 mg/m³/4 hrs, rat; stoddard solvent LD₅₀: >5 g/kg, rat; petroleum naphtha LC₅₀: 8400 mg/kg, rat;

Medical Conditions Aggravated by Exposure: Pre-existing lung, skin, eye, kidney, or nervous system disorders may be aggravated by exposure to this material.

Chronic Effects: May cause kidney damage based upon animal studies.

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Carcinogenicity:

Animal inhalation studies have not yielded sufficient evidence of asphalt induced lung cancer and only limited investigation has been done on the chemical properties and the metabolic changes caused by petroleum asphalt fumes. A roofing petroleum asphalt proved non-carcinogenic to the skin of mice and rabbits, although the condensates of coal tar fumes proved highly carcinogenic.

Petroleum asphalt is listed by IARC as a class 3, *unclassifiable as to carcinogenicity in humans*.

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, vegetable oil or mineral oil first, followed immediately 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: Water fog, alcohol foam, carbon dioxide, or dry chemical.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, nitrogen oxides, 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. Solvent constituents of this product evaporate and can catch fire and burn with explosive violence. Fire hazard is greater as liquid temperature increases.

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 and stored at temperatures 20°F – 110°F. 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 on or near containers. Electrical grounding is required during the transfer of material.

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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 warranted.
Skin Protection:	The use of nitrile or polyvinyl alcohol gloves for direct handling may be warranted.
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.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Black liquid with mineral spirits odor.		
Flash Point:	101° F	Lower Explosive Limit:	1%
Method Used:	Unknown	Upper Explosive Limit:	6%
Evaporation Rate:	Unknown	Boiling Point:	310°F
pH (undiluted product):	Unknown	Melting Point:	Not Applicable
Solubility in Water:	Negligible	Specific Gravity:	0.9 (Water=1)
Vapor Density:	4.9 (Air=1)	Percent Volatile:	<15
Vapor Pressure:	3 mm Hg @ 68°F		

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	Keep away from heat, sparks, and open flames; strong oxidizers.

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SECTION 10: TRANSPORTATION

Regulatory Agency:	DOT
Proper Shipping Name:	Combustible Liquid, n.o.s. per 173.150(f)
Identification Number:	NA1993
Packaging Group:	III
Hazard Class:	Combustible Liquid
Labels Required:	None

SECTION 11: MISCELLANEOUS INFORMATION

Additional Comments:	None
Date of Previous MSDS:	Not applicable. New product.
Changes Since Previous MSDS:	Not applicable.
Telephone Number for Additional Information:	(317) 575-7190

DISCLAIMER

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