

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 12-15-2010

SUPERSEDES: 12-20-2007

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### COMPANY INFORMATION

H.B. Fuller Construction Products Inc.  
(formerly Specialty Construction Brands, Inc.  
An H.B. Fuller Company)  
1105 S. Frontenac Street  
Aurora, IL 60504  
Phone: 1-800-323-7407

Medical Emergency Phone Number (24 Hours): 1-888-853-1758  
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

#### PRODUCT INFORMATION

PRODUCT NUMBER: FD9007  
PRODUCT NAME: FOSTER 90-07  
PRODUCT DESCRIPTION: Mastic  
PRODUCT IDENTIFIER: 802428PM

### SECTION 2: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

PHYSICAL STATE: Liquid  
COLOR: Black  
ODOR: Neutral

Moderate eye irritant.

Causes skin irritation. May cause allergic skin reaction. May cause an allergic respiratory reaction.  
Cancer hazard.

#### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. May result in cornea opacity (clouding of the eye surface).

SKIN: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Can cause light sensitivity that results in a skin rash when exposed to sunlight or ultraviolet light sources.  
May cause sensitization.

May be absorbed through the skin in harmful amounts.

INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

May cause allergic respiratory reaction.

Can cause nasal perforation from a single large or repeated smaller inhalation overexposures.

This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

#### LONG-TERM (CHRONIC) HEALTH EFFECTS

TARGET ORGAN(S): Skin Lungs Kidneys Blood Liver

#### REGULATED CARCINOGEN STATUS:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

Asphalt (petroleum)

Potassium dichromate

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EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Skin disease including eczema and sensitization; Lung disease; Kidney disease; Blood disorders (like anemia); Liver disease

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	PERCENT
Asphalt (petroleum)	8052-42-4	30 - 50
Cellulose	9004-34-6	1 - 5
Clay	1302-78-9	1 - 5
Potassium dichromate	7778-50-9	0.01 - 0.1

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

### SECTION 4: FIRST AID MEASURES

IF IN EYES: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

### SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:

Non flammable

AUTOIGNITION TEMPERATURE:

Not established

LOWER EXPLOSIVE LIMIT (% in air):

Not established

UPPER EXPLOSIVE LIMIT (% in air):

Not established

EXTINGUISHING MEDIA:

Use water spray, foam, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide, Carbon monoxide Sulfur containing gases

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

CLEAN-UP:

Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

### SECTION 7: HANDLING AND STORAGE

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in

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a well ventilated area.  
**Storage:** Store in a cool, dry place.  
 Consult the Technical Data Sheet for specific storage instructions.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

**SKIN PROTECTION:** Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

**GLOVES:** Wear gloves to prevent absorption through skin.  
Nitrile

**RESPIRATORY PROTECTION:** Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

**VENTILATION:** Use local exhaust ventilation or other engineering controls to minimize exposures.

### **EXPOSURE LIMITS:**

Chemical Name	ACGIH EXPOSURE LIMITS	OSHA PEL
Asphalt (petroleum)	0.5 mg/m <sup>3</sup> TWA benzene soluble aerosol fume, inhalable fraction	Not established
Cellulose	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA total dust; 5 mg/m <sup>3</sup> TWA respirable fraction
Clay	Not established	Not established
Potassium dichromate	Not established	5 micrograms/m <sup>3</sup> TWA

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**COLOR:** Black

**ODOR:** Neutral

**ODOR THRESHOLD:** Not established

**WEIGHT PER GALLON (lbs.):** 9.6

**SPECIFIC GRAVITY:** 1.15

**SOLIDS (% by weight):** 53.0

**pH:** Not established

**FLASH POINT:** Non flammable

**BOILING POINT (deg. C):** Not established

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FREEZING/MELTING POINT (deg. C): Not established  
VAPOR PRESSURE (mm Hg): Not established  
VAPOR DENSITY: Not established  
EVAPORATION RATE: Not established  
OCTANOL/WATER COEFFICIENT: Not established  
VOC, weight percent: Not determined  
VOC, EPA Method 24, less water and exempt solvents  
(theoretically determined) 21g/liter of material

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.  
CHEMICAL INCOMPATIBILITY: Not established  
HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide Sulfur containing gases

### SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50/LC50
Asphalt (petroleum)	Not established
Cellulose	Oral LD50 Rat > 5 g/kg Inhalation LC50 Rat > 5800 mg/cu m/4H Dermal LD50 Rabbit > 2 g/kg
Clay	Not established
Potassium dichromate	Oral LD50 Rat = 25 mg/kg

TOXICOLOGY SUMMARY: Workers exposed to chromic acid or chromates in concentrations of 0.11 to 0.15 mg/M3 developed ulcers of the nasal septum and irritation of the conjunctiva, pharynx, and larynx, as well as asthmatic bronchitis. The worker exposed to unmeasured but massive amounts of chromic acid mist for four days developed severe frontal headache, wheezing, dyspnea, cough and pain on inspiration; after six months, chest pain and cough were still present. Erosion and discoloration of the teeth have been attributed to chromic acid exposure.

### SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

### SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

### SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

IATA: NOT REGULATED

### SECTION 15: REGULATORY INFORMATION

#### INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

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CANADIAN CEPA DSL: The components of this product are included on the DSL or are exempt from DSL requirements.

EUROPEAN EINECS: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

If you need more information about the inventory status of this product call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at 651-236-5858 (USA) or 450-655-1306 x227 (Canada) to request an export review.

### FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
Chromium (VI) compounds	7778-50-9	0.01 - 0.1

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2A D2B

### STATE REPORTING

This MSDS is not prepared for distribution in California.

### SECTION 16: ADDITIONAL INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 0 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

Prepared by: The Global Regulatory Department

Phone: 651-236-5842

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Specialty Construction Brands, Inc. from its suppliers, and because Specialty Construction Brands, Inc. has no control over the conditions of handling and use, Specialty Construction Brands, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Specialty Construction Brands, Inc. assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Specialty Construction Brands, Inc. products to comply with all applicable federal, state and local laws and regulations.