

MATERIAL SAFETY DATA SHEET

REVISION DATE: 12-22-2011

SUPERSEDES: 09-01-2009

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

H.B. Fuller Construction Products Inc.
1105 S. Frontenac Street
Aurora, IL 60504
Phone: 1-800-552-6225

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

PRODUCT INFORMATION

PRODUCT NUMBER: FOSTER 60-25
PRODUCT NAME: FOSTER 60-25
PRODUCT DESCRIPTION: Mastic
PRODUCT IDENTIFIER: 802341PM

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL STATE: Solid
COLOR: Black
ODOR: Mild Solvent

Combustible
Moderate eye irritant.
Causes skin irritation. May cause allergic skin reaction.
Harmful if swallowed.
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.

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. Overexposure to crystalline silica may cause silicosis.

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. Harmful if swallowed. No hazard in normal industrial use.

LONG-TERM (CHRONIC) HEALTH EFFECTS

REPRODUCTIVE: Contains a substance that is a possible reproductive hazard based on animal studies at doses that could be encountered in the workplace.
TARGET ORGAN(S): Skin Lungs Reproductive system

REGULATED CARCINOGEN STATUS:

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

Asphalt (petroleum)

Crystalline silica

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Skin disease including eczema and sensitization; Lung disease

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS # | PERCENT |
|---------------------------------|------------|---------|
| Asphalt (petroleum) | 8052-42-4 | 30 - 50 |
| Talc | 14807-96-6 | 10 - 30 |
| Aliphatic petroleum distillates | 64742-88-7 | 10 - 30 |
| Cellulose | 9004-34-6 | 1 - 5 |
| Aliphatic amine | 28701-67-9 | 1 - 5 |
| Crystalline silica | 14808-60-7 | 0.1 - 1 |
| Boric acid | 10043-35-3 | 0.1 - 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.

SECTION 5: FIRE FIGHTING MEASURES

| | |
|-------------------------------------|---|
| FLASH POINT: | 42C; 108F TCC |
| 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: | Vapors are heavier than air and can travel to a source of ignition and flash back. |
| 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 Nitrogen containing gases |

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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. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

CLEAN-UP: Scrape up and place in disposal container.
 Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

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 a well ventilated area.
 Keep away from heat, sparks and flame.
 Wash thoroughly after handling.
 Keep container closed.
 Emptied container retains vapor and product residue.
 Observe all labeled precautions until container is cleaned.
 Drums of this material should be grounded when pouring.
DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.

Storage: Store in a cool, dry, ventilated location. Keep away from heat and flame. Keep container closed.

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: 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 ³ TWA (fume, inhalable fraction, as benzene soluble aerosol) | Not established |

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| Talc | 2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction) | Not established |
| Aliphatic petroleum distillates | Not established | Not established |
| Cellulose | 10 mg/m ³ TWA | 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) |
| Aliphatic amine | Not established | Not established |
| Crystalline silica | 0.025 mg/m ³ TWA (respirable fraction) | ((250)/(%SiO ₂ + 5) mppcf TWA (respirable)); ((10)/(%SiO ₂ + 2) mg/m ³ TWA (respirable)); ((30)/(%SiO ₂ + 2) mg/m ³ TWA (total dust)) |
| Boric acid | 2 mg/m ³ TWA (inhalable fraction, listed under Borate compounds, inorganic) 6 mg/m ³ STEL (inhalable fraction, listed under Borate compounds, inorganic) | Not established |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|--|------------------------|
| PHYSICAL STATE: | Solid |
| COLOR: | Black |
| ODOR: | Mild Solvent |
| ODOR THRESHOLD: | Not established |
| WEIGHT PER GALLON (lbs.): | 9.8 |
| SPECIFIC GRAVITY: | 1.18 |
| SOLIDS (% by weight): | 79.0 |
| | Not applicable |
| pH: | Not established |
| FLASH POINT: | 42C; 108F TCC |
| BOILING POINT (deg. C): | Not established |
| 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 | 21.73 |
| VOC, EPA Method 24, less water and exempt solvents (theoretically determined) | 256g/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: | Sulfur containing gases Carbon monoxide, carbon dioxide Nitrogen containing gases |

SECTION 11: TOXICOLOGICAL INFORMATION

| COMPONENT | LD50/LC50 |
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|---------------------------------|--|
| Asphalt (petroleum) | Not established |
| Talc | Not established |
| Aliphatic petroleum distillates | Not established |
| Cellulose | Oral LD50 Rat > 5 g/kg Inhalation LC50 Rat > 5800 mg/cu m/4H Dermal LD50 Rabbit > 2 g/kg |
| Aliphatic amine | Not established |
| Crystalline silica | Not established |
| Boric acid | Oral LD50 Rat = 2660 mg/kg |

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS

This product meets the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your 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.
- 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.
- AUSTRALIA AICS: This product is in compliance with the Australian Inventory of Chemical Substances requirements.
- KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.
- PHILIPPINES: This product is in compliance with the Philippine Inventory of Chemicals and Chemical Substances requirements.

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

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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# | % |
|---------------|------|---|
|---------------|------|---|

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

B3

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 -- 2 REACTIVITY -- 0

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

Prepared by: The Global Regulatory Department

Phone: 651-236-5842

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