

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 12-03-2013

SUPERSEDES: 02-01-2011

**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 82-77, PART C  
PRODUCT DESCRIPTION: Silica blend  
PRODUCT IDENTIFIER: 802407PM

**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

PHYSICAL STATE: Solid  
COLOR: Off-white  
ODOR: Odorless  
Cancer hazard.

**POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY**

EYE: No irritation hazard in normal industrial use.

SKIN: No irritation hazard in normal industrial use.

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.

Other possible symptoms include coughing or wheezing.

Overexposure to crystalline silica may cause silicosis.

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

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

TARGET ORGAN(S): Lungs

**REGULATED CARCINOGEN STATUS:**

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

Crystalline silica

Titanium dioxide

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	PERCENT
Crystalline silica	14808-60-7	70 - 100
Aluminum oxide	1344-28-1	1 - 5
Titanium dioxide	13463-67-7	0.01 - 0.1

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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.

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**SECTION 4: FIRST AID MEASURES**

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**IF IN EYES:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**IF ON SKIN:** Wash with soap and water.

**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.

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**SECTION 5: FIRE FIGHTING MEASURES**

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<b>FLASH POINT:</b>	Non flammable
<b>AUTOIGNITION TEMPERATURE:</b>	Not established
<b>LOWER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>UPPER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>EXTINGUISHING MEDIA:</b>	Use water spray, foam, dry chemical or carbon dioxide.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.
<b>SPECIAL FIRE FIGHTING INSTRUCTIONS:</b>	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Carbon dioxide, Carbon monoxide Aluminum oxide

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>SPECIAL PROTECTION:</b>	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.
<b>CLEAN-UP:</b>	Avoid creating dusts. Cover material with absorbent and moisten and collect for disposal.

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

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**SECTION 7: HANDLING AND STORAGE**

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**Handling:** No special handling instructions due to toxicity. Avoid breathing material.

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

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

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<b>EYE PROTECTION:</b>	Wear safety glasses when handling this product.
<b>SKIN PROTECTION:</b>	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
<b>GLOVES:</b>	Not normally required. Use nitrile gloves if conditions warrant.
<b>RESPIRATORY PROTECTION:</b>	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. NIOSH approved

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air purifying respirator with dust/mist filter.  
 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
Crystalline silica	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	((250)/(%SiO <sub>2</sub> + 5) mppcf TWA (respirable)); ((10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (respirable)); ((30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (total dust))
Aluminum oxide	Not established	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Titanium dioxide	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	Off-white
ODOR:	Odorless
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	22.57
SPECIFIC GRAVITY:	2.700
SOLIDS (% by weight):	Not applicable
pH:	Not established
FLASH POINT:	Non flammable
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	Not determined

### 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 Aluminum oxide

### SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50 ORAL	LC50 INHALATION	LD50 DERMAL
Crystalline silica	Not established		
Aluminum oxide	Not established		
Titanium dioxide	Not established		

**TOXICOLOGY SUMMARY:** No additional health information available.

**MATERIAL SAFETY DATA SHEET****SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available for this product.

**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. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

**SECTION 14: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: 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 REACH: 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.
- JAPAN ENCS: This product is in compliance with the Japanese Existing and New 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.
- CHINA: This product is in compliance with the Inventory of Existing Chemical Substances in China (IECSC) 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 450-651-5498 x4 (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#	%
	1344-28-1	1 - 5

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

D2A D2B

**STATE REPORTING**

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

Unless listed below, this product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

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Chemical Name/List		CAS	Percent
Quartz	(Carcinogen)	14808-60-7	70 - 100
Titanium dioxide	(Carcinogen)	13463-67-7	0.01 - 0.1

**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 -- 0 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 H.B.Fuller Construction Products, Inc. from its suppliers, and because H.B.Fuller Construction Products, Inc. has no control over the conditions of handling and use, H.B.Fuller Construction Products, 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 H.B.Fuller Construction Products, Inc. assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B.Fuller Construction Products, Inc. products to comply with all applicable federal, state and local laws and regulations.