

Print Date: 07-30-2015

 FOSTER 82-77, PART C  
 802407PM

**SAFETY DATA SHEET**

REVISION DATE: 07-30-2015

SUPERSEDES: 10-10-2014

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER**
**PRODUCT INFORMATION**

PRODUCT: FOSTER 82-77, PART C  
 PRODUCT DESCRIPTION: Silica blend  
 INTENDED USE: Adhesive  
 PRODUCT IDENTIFIER: 802407PM

**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

**SECTION 2: HAZARDS IDENTIFICATION**
**GHS Hazard Symbols:**


**GHS Signal Word:** Danger  
**GHS Classification:** Carcinogenicity Category 1A; Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1  
**GHS Hazard Phrases:** May cause cancer.; Causes damage to organs through prolonged or repeated exposure.  
**GHS Precautions:**  
**Safety Precautions:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required.  
**First Aid Measures:** IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.  
**Storage:** Store locked up.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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

Chemical Name	CAS #	PERCENT	Classification	Note
Crystalline silica	14808-60-7	70 - 100	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Titanium dioxide	13463-67-7	0.01 - 0.1	Carc. 2; H351	* (see below)

Print Date: 07-30-2015

FOSTER 82-77, PART C  
802407PM

## SAFETY DATA SHEET

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:** 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 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

**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 Aluminum oxide

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPECIAL PROTECTION:** No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

**METHODS FOR CLEAN-UP:** Avoid creating dusts. Cover material with absorbent and moisten and collect for disposal.

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

### SECTION 7: HANDLING AND STORAGE

**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.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### EXPOSURE LIMITS:

Chemical Name	Note	ACGIH EXPOSURE LIMITS	OSHA PEL
Crystalline silica	* (see below)	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	* (see below)	No data available.	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

Print Date: 07-30-2015

FOSTER 82-77, PART C  
802407PM**SAFETY DATA SHEET**

Titanium dioxide	*(see below)	10 mg/m3 TWA	15 mg/m3 TWA (total dust)
------------------	--------------	--------------	---------------------------

**ENGINEERING CONTROL METHODS:**

VENTILATION:	Use local exhaust ventilation or other engineering controls to minimize exposures.
EYE PROTECTION:	Wear safety glasses when handling this product.
SKIN PROTECTION:	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.
GLOVES:	Not normally required. Use nitrile gloves if conditions warrant.
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. NIOSH approved 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).

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Solid
COLOR:	Off-white
ODOR:	Odorless
ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	Non flammable
EVAPORATION RATE:	Not established
FLAMMABILITY:	Not a flammable solid or gas
UPPER EXPLOSIVE LIMIT (% in air):	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
WEIGHT PER GALLON (lbs.):	22.57
SPECIFIC GRAVITY:	2.700
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
VOC, weight percent	Not determined

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Not established

Print Date: 07-30-2015

 FOSTER 82-77, PART C  
 802407PM

**SAFETY DATA SHEET**

 HAZARDOUS POLYMERIZATION: Will not occur.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide Aluminum oxide

**SECTION 11: TOXICOLOGICAL INFORMATION**
**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
Crystalline silica	ORAL LD50 RAT 500 MG/KG
Aluminum oxide	ORAL LD50 RAT > 5,000 MG/KG

**This product is a mixture. Unless noted, the information below is based on components.**

Skin corrosion / irritation: No irritation hazard in normal industrial use.

Serious eye damage / irritation :No irritation hazard in normal industrial use.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: Contains a material that may cause cancer.

Reproductive toxicity: No data available.

Specific target organ toxicity-single exposure: No data available.

Respiratory irritation / Narcotic effects: No data available.

Specific target organ toxicity-repeated exposure: Causes damage to organs through prolonged or repeated exposure.

Target organs potentially affected by exposure: Lungs

Aspiration hazard: No data available.

Medical Conditions Aggravated by Exposure: Lung disease

**SECTION 12: ECOLOGICAL INFORMATION**

 OVERVIEW: No ecological information available for this product.  
 MOBILITY: No data available.  
 PERSISTENCE: No data available.  
 BIOACCUMULATION: No data available.

**This product has not been tested for ecological effects. Relevant information for components is listed below:**

Component:	Ecotoxicity values:
No data available.	Acute Toxicity (Fish): Acute Toxicity (Daphnia): Acute Toxicity (Algae):

**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: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

Print Date: 07-30-2015

FOSTER 82-77, PART C  
802407PM**SAFETY DATA SHEET**

US 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 IECSC INVENTORY: 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 [reg.request@hbfuller.com](mailto:reg.request@hbfuller.com) 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

**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.

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

**Substances of Very High Concern (SVHC) Content:**

Unless listed below, this product does not contain SVHC's.

**SECTION 16: OTHER INFORMATION**



Print Date: 07-30-2015

FOSTER 82-77, PART C  
802407PM**SAFETY DATA SHEET**

---

**SDS VERSION DATE:** 07-30-2015

This 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.