

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 06-02-2006

SUPERSEDES: 02-26-2004

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****COMPANY INFORMATION**

Specialty Construction Brands, Inc.  
(formerly Foster Products Corporation  
an H.B. Fuller Company Subsidiary)  
315 South Hicks Road  
Palatine, IL 60067  
Phone: 847-358-9500

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

**PRODUCT INFORMATION**

PRODUCT IDENTIFIER: 820435PM  
PRODUCT NUMBER: FD4020C  
PRODUCT DESCRIPTION: Coating

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

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 any additional exposure limit guidelines.

Chemical Name	CAS #	PERCENT	OSHA PEL
Aluminum hydroxide	21645-51-2	10 - 30	TWA (as Al) Soluble 2 MG/M3
Barium compound	13701-59-2	5 - 10	TWA (as Ba) Soluble 0.5 MG/M3
Calcium carbonate	471-34-1	5 - 10	TWA (Respirable dust) 5 MG/M3 TWA (Total dust) 15 MG/M3
Titanium dioxide	13463-67-7	5 - 10	TWA (Total dust) 10 MG/M3
Zinc oxide	1314-13-2	1 - 5	TWA (Respirable dust) 5 MG/M3 TWA (Total dust) 10 MG/M3 TWA Fume 5 MG/M3 STEL Fume 10 MG/M3
Amorphous silica	7631-86-9	1 - 5	TWA 6 MG/M3
Oil, petroleum		1 - 5	TWA * Mist 5 MG/M3

\*These exposure limits are for mineral oil mist, a related material.

**SECTION 3: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

## MATERIAL SAFETY DATA SHEET

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

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

### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause minor irritation, tearing and reddening.

SKIN: Can cause minor skin irritation, defatting, and dermatitis.

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 barium dust/fume may cause baritosis. 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): Lungs

### REGULATED CARCINOGEN STATUS:

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

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease

## SECTION 4: FIRST AID MEASURES

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IF IN EYES: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

IF ON SKIN: Wash with soap and water. 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

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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.

**MATERIAL SAFETY DATA SHEET**

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 Metal fumes Silicon dioxide

**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 MSDS.  
 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: No special handling instructions due to toxicity.

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 when handling this product.  
 SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.  
 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. 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	AIHA WEEL
Aluminum hydroxide	TWA (as Al) Soluble 2 MG/M3	Not established
Barium compound	TWA (as Ba) Soluble 0.5 MG/M3	Not established
Calcium carbonate	TWA 10 MG/M3	Not established
Titanium dioxide	TWA 10 MG/M3	Not established
Zinc oxide	TWA (Respirable dust) 2 MG/M3	Not established

**MATERIAL SAFETY DATA SHEET**

	STEL (Respirable dust) 10 MG/M3	
Amorphous silica	TWA (Respirable dust) 3 MG/M3 TWA (Total dust) 10 MG/M3	Not established
Oil, petroleum	TWA * Mist 5 MG/M3	Not established

\*These exposure limits are for mineral oil mist, a related material.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Liquid
COLOR:	White
ODOR:	Sweet Mild
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	11.9
SPECIFIC GRAVITY:	1.43
SOLIDS (% by weight):	67.2
pH:	Not established
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

**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 Metal fumes Silicon dioxide

**SECTION 11: TOXICOLOGICAL INFORMATION**

CHEMICAL NAME	LD50/LC50
Aluminum hydroxide	Not established
Barium compound	Not established
Calcium carbonate	Oral LD50 Rat = 6450 mg/kg
Titanium dioxide	Not established
Zinc oxide	Oral LD50 Mouse > 950 mg/kg Inhalation LC50 Mouse = 2500 mg/cu m (no duration specified)
Amorphous silica	Oral LD50 Rat > 22 g/kg

## MATERIAL SAFETY DATA SHEET

Oil, petroleum	Not established
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**TOXICOLOGY SUMMARY:** Toxicity studies were conducted on this product in conjunction with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA). These studies revealed an acute oral LD50 of >4000 mg/kg. No mortality was produced in skin studies at 2000 mg/kg. No mortality was produced in inhalation studies at 5.15 mg/L. No notable eye or skin irritation occurred. No dermal sensitization occurred.

### 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.

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#	%
Barium compounds	13701-59-2	5 - 10
Zinc compounds	1314-13-2	1 - 5

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

## MATERIAL SAFETY DATA SHEET

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### STATE REPORTING

This MSDS is not prepared for distribution in California.

### **SECTION 16: ADDITIONAL INFORMATION**

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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).

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.