

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 08-16-2004

SUPERSEDES: 11-26-2003

**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: 802278PM  
PRODUCT NUMBER: FD3214  
PRODUCT DESCRIPTION: Sealant

**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   |
|--------------------------------|------------|---------|--|
| Hexane, n                      | 110-54-3   | 10 - 30 | TWA 50 ppm   |
| Kaolin clay                    | 1332-58-7  | 10 - 30 | TWA (Respirable dust) 5 MG/M3<br>TWA (Total dust) 10 MG/M3 |
| Aliphatic petroleum distillate | 64742-89-8 | 5 - 10  | Not established  |
| Methylcyclopentane             | 96-37-7    | 5 - 10  | Not established  |
| Toluene                        | 108-88-3   | 1 - 5   | TWA 100 ppm<br>STEL 150 ppm                                |
| Aliphatic petroleum distillate | 64742-01-4 | 1 - 5   | TWA * Mist 5 MG/M3   |
| Titanium dioxide (Rutile)      | 1317-80-2  | 1 - 5   | TWA (Total dust) 10 MG/M3                                  |
| Calcium carbonate              | 1317-65-3  | 1 - 5   | TWA (Respirable dust) 5 MG/M3<br>TWA (Total dust) 15 MG/M3 |
| Xylene                         | 1330-20-7  | 0.1 - 1 | TWA 100 ppm<br>STEL 150 ppm                                |

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|                    |            |         |                                 |
|--------------------|------------|---------|---------------------------------|
| Crystalline silica | 14808-60-7 | 0.1 - 1 | TWA (Respirable dust) 0.1 MG/M3 |
| Ethylbenzene       | 100-41-4   | 0.1 - 1 | TWA 100 ppm<br>STEL 125 ppm     |

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Extremely flammable.

Can cause eye irritation.  
Can cause skin irritation.  
Moderate respiratory tract irritant.  
Harmful if swallowed.  
Cancer hazard.

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 3 REACTIVITY -- 0

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

##### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause irritation.

SKIN: Can cause skin irritation.

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

Inhalation of vapors may cause loss of feeling and weakness in the hands and feet and loss of manual dexterity.

Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. 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. Irritating to mouth, throat, and stomach.

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

REPRODUCTIVE: Contains a substance that is a probable reproductive hazard based on human studies.

TARGET ORGAN(S): Central nervous system Peripheral nervous system Lungs Reproductive system  
Liver Kidneys

##### REGULATED CARCINOGEN STATUS:

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

Crystalline silica

Ethylbenzene

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EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease; Liver disease; Kidney disease; Blood disorders (like anemia)

### SECTION 4: FIRST AID MEASURES

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. Restore breathing, if necessary. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. 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:                        | -7C; 19F 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   |

### 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:           | Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.<br>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.<br>Keep away from heat, sparks and flame.<br>Wash thoroughly after handling.<br>Keep container closed.<br>Emptied container retains vapor and product residue.<br>Observe all labeled precautions until container is cleaned.<br>Drums of this material should be grounded when pouring.<br>DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER. |
|-----------|--|

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**Storage:** Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.

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. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

**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. NIOSH approved air purifying respirator with organic vapor cartridge. 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       |
|--------------------------------|--|-----------------|
| Hexane, n                      | TWA 50 ppm<br><br>Skin notation            | Not established |
| Kaolin clay                    | TWA (Respirable dust) 2 MG/M3              | Not established |
| Aliphatic petroleum distillate | Not established                            | Not established |
| Methylcyclopentane             | Not established                            | Not established |
| Toluene                        | TWA 50 ppm<br><br>Skin notation            | Not established |
| Aliphatic petroleum distillate | TWA * Mist 5 MG/M3<br>STEL * Mist 10 MG/M3 | Not established |
| Titanium dioxide (Rutile)      | TWA (Total dust) 10 MG/M3                  | Not established |
| Calcium carbonate              | TWA (Total dust) 10 MG/M3                  | Not established |
| Xylene                         | TWA 100 ppm<br>STEL 150 ppm                | Not established |
| Crystalline silica             | TWA (Respirable dust) 0.05 MG/M3           | Not established |

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|              |                             |                 |
|--------------|-----------------------------|-----------------|
| Ethylbenzene | TWA 100 ppm<br>STEL 125 ppm | Not established |
|--------------|-----------------------------|-----------------|

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                  |                 |
|----------------------------------|-----------------|
| PHYSICAL STATE:                  | Liquid          |
| COLOR:                           | Gray            |
| ODOR:                            | Solvent         |
| ODOR THRESHOLD:                  | Not established |
| WEIGHT PER GALLON (lbs.):        | 9.15            |
| SPECIFIC GRAVITY:                | 1.1             |
| SOLIDS (% by weight):            | 65.0            |
| 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:         | Strong oxidizing agents         |
| HAZARDOUS POLYMERIZATION:         | Will not occur.                 |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Carbon monoxide, carbon dioxide |

**SECTION 11: TOXICOLOGICAL INFORMATION**

| CHEMICAL NAME                  | LD50/LC50   |
|--------------------------------|---|
| Hexane, n                      | Oral LD50 Rat =28710 mg/kg<br>Inhalation LC50 Rat =48000 ppm/4H                                       |
| Kaolin clay                    | Not established   |
| Aliphatic petroleum distillate | Not established   |
| Methylcyclopentane             | Not established   |
| Toluene                        | Oral LD50 Rat = 636 mg/kg<br>Inhalation LC50 Rat =49000 mg/cu m/4H<br>Dermal LD50 Rabbit = 14.1 ml/kg |
| Aliphatic petroleum distillate | Not established   |
| Titanium dioxide (Rutile)      | Not established   |
| Calcium carbonate              | Oral LD50 Rat = 6250 mg/kg  |
| Xylene                         | Oral LD50 Rat = 4300 mg/kg  |

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|                    |   |
|--------------------|---|
|                    | Inhalation LC50 Rat = 5000 ppm/4H<br>Dermal LD50 Rat = 1700 mg/kg |
| Crystalline silica | Not established   |
| Ethylbenzene       | Oral LD50 Rat = 3500 mg/kg<br>Dermal LD50 Rabbit = 17.8 ml/kg     |

TOXICOLOGY SUMMARY: No additional health information available.

### SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

398 g VOC/liter of material, less water and exempt solvents  
(VOC theoretically determined using EPA Publication 450/3-84-019.)

### 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.

LAND DISPOSAL RESTRICTIONS: Toluene Xylenes (o-, m-, p- isomers) Ethyl benzene

### SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: ADHESIVES, 3, UN1133, PGII

IATA: ADHESIVES, 3, UN1133, PGII

### 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 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

| Chemical Name          | CAS#      | %       |
|------------------------|-----------|---------|
| n-Hexane               | 110-54-3  | 10 - 30 |
| Toluene                | 108-88-3  | 1 - 5   |
| Xylene (mixed isomers) | 1330-20-7 | 0.1 - 1 |
| ethylbenzene           | 100-41-4  | 0.1 - 1 |

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

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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.