

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 12-12-2007

SUPERSEDES: 05-18-2005

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### COMPANY INFORMATION

Specialty Construction Brands, Inc.  
An H.B. Fuller Company  
1105 S. Frontenac Street  
Aurora, IL 60504  
Phone: 1-800-323-7407

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

#### PRODUCT INFORMATION

PRODUCT IDENTIFIER: 805043PM  
PRODUCT NUMBER: TA0396  
PRODUCT NAME: QUIK FLEX  
PRODUCT DESCRIPTION: Cement

### 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
Crystalline silica	14808-60-7	30 - 50	TWA (Respirable dust) 0.1MG/M3
Aluminum salts (soluble)	12042-68-1	10 - 30	TWA (as Al) Soluble 2MG/M3
Calcium carbonate	471-34-1	10 - 30	TWA (Total dust) 15MG/M3 TWA (Respirable dust) 5MG/M3
Gypsum	13397-24-5	5 - 10	TWA (Total dust) 15MG/M3 TWA (Respirable dust) 5MG/M3
Aluminum oxide	1344-28-1	1 - 5	TWA (as Al) (Total dust) 10MG/M3 TWA (as Al) (Respirable dust) 5MG/M3
Calcium hydroxide	1305-62-0	1 - 5	TWA 5MG/M3

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Cancer hazard.

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

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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. May result in cornea opacity (clouding of the eye surface).

**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.

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

**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.

## 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 Sulfur containing gases Aluminum oxide

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**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:** Avoid creating dusts. Cover material with absorbent and moisten and collect for disposal.

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### 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

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. 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).  
VENTILATION: Use local exhaust ventilation or other engineering controls to minimize exposures.

#### EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	AIHA WEEL
Crystalline silica	TWA (Respirable dust) 0.025MG/M3	Not established
Aluminum salts (soluble)	TWA (as Al) Soluble 2MG/M3	Not established
Calcium carbonate	TWA 10MG/M3	Not established
Gypsum	TWA (Total dust) 10MG/M3	Not established
Aluminum oxide	TWA (Total dust) 10MG/M3	Not established
Calcium hydroxide	TWA 5MG/M3	Not established

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid  
COLOR: White  
ODOR: Odorless  
ODOR THRESHOLD: Not established  
WEIGHT PER GALLON (lbs.): 11.2

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SPECIFIC GRAVITY: 1.34  
SOLIDS (% by weight): 100.0  
pH: Not applicable  
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 Sulfur containing gases Aluminum oxide

### SECTION 11: TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Crystalline silica	Not established
Aluminum salts (soluble)	Not established
Calcium carbonate	Oral LD50 Rat = 6450mg/kg
Gypsum	Not established
Aluminum oxide	Not established
Calcium hydroxide	Oral LD50 Rat = 7340mg/kg

TOXICOLOGY SUMMARY: No additional health information available.

### 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. 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

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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: This product is in compliance with the Canadian Domestic Substance List 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#	%
Aluminum oxide	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.

Chemical Name/List	CAS	Percent
Quartz (Carcinogen)	14808-60-7	30 - 50
Acetaldehyde (Carcinogen)	75-07-0	0.001 - 0.01
Lead compounds (Carcinogen)		< 10 ppm
Lead (Carcinogen)	7439-92-1	< 10 ppm
Arsenic compounds (inorganic) (Carcinogen)	7440-38-2	< 10 ppm
Lithium carbonate (Developmental toxin)	554-13-2	0.01 - 0.1
Lead (Developmental toxin)	7439-92-1	< 10 ppm
Lead (Female reproductive toxin)	7439-92-1	< 10 ppm
Lead (Male reproductive toxin)	7439-92-1	< 10 ppm

**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).

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

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