

**SAFETY DATA SHEET**

REVISION DATE: 08-31-2015

SUPERSEDES: 09-04-2013

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

**PRODUCT:** VINYL TILE GROUT LT SMOKE  
**PRODUCT DESCRIPTION:** Sanded polymer grout  
**INTENDED USE:** Adhesive  
**PRODUCT IDENTIFIER:** 836923PM

**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:** Germ Cell Mutagenicity Category 1B; Carcinogenicity Category 1B  
**GHS Hazard Phrases:** May cause genetic defects.; May cause cancer.  
**GHS Precautions:**  
**Safety Precautions:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.  
**First Aid Measures:** IF exposed or concerned: Get medical advice/attention.  
**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	30 - 50	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Calcium carbonate	471-34-1	10 - 30		* (see below)
Titanium dioxide	13463-67-7	0.1 - 1	Carc. 2; H351	* (see below)
Stoddard solvent	8052-41-3	0.1 - 1	Asp. Tox. 1; H304 Carc. 1B; H350 Muta. 1B; H340	

\*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.

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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.

**SECTION 4: FIRST AID MEASURES**

IF IN EYES: Flush eye with water for 20 minutes. Get medical attention.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

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. Material will burn in a fire.

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 Nitrogen containing gases

**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.  
 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. Avoid breathing material.

Storage: Store in a cool, dry place. Protect from freezing  
 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)

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			mg/m <sup>3</sup> TWA (total dust))
Calcium carbonate	* (see below)	No data available.	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Titanium dioxide	* (see below)	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)
Stoddard solvent		100 ppm TWA	500 ppm TWA; 2900 mg/m <sup>3</sup> TWA

\*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.

**ENGINEERING CONTROL METHODS:**

<b>VENTILATION:</b>	Use local exhaust ventilation or other engineering controls to minimize exposures.
<b>EYE PROTECTION:</b>	Wear safety glasses when handling this product.
<b>SKIN PROTECTION:</b>	Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact.
<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 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**

<b>PHYSICAL STATE:</b>	Semi-solid
<b>COLOR:</b>	Brown
<b>ODOR:</b>	Mild Sweet
<b>ODOR THRESHOLD:</b>	Not established
<b>pH:</b>	9.0
<b>FREEZING/MELTING POINT (deg. C):</b>	Not established
<b>BOILING POINT (deg. C):</b>	Not established
<b>FLASH POINT:</b>	Non flammable
<b>EVAPORATION RATE:</b>	Not established
<b>FLAMMABILITY:</b>	Not a flammable solid or gas
<b>UPPER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>LOWER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>VAPOR PRESSURE (mm Hg):</b>	Not established
<b>VAPOR DENSITY:</b>	Not established
<b>WEIGHT PER GALLON (lbs.):</b>	12.90
<b>SPECIFIC GRAVITY:</b>	1.550
<b>SOLUBILITY:</b>	Not established
<b>OCTANOL/WATER COEFFICIENT:</b>	Not established
<b>AUTOIGNITION TEMPERATURE:</b>	Not established
<b>DECOMPOSITION TEMPERATURE:</b>	Not established
<b>VISCOSITY:</b>	No data available.
<b>SOLIDS (% by weight):</b>	83.0
<b>VOC, weight percent</b>	Not determined

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### 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 Nitrogen containing gases

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Component Toxicity / Toxicology Data:

COMPONENT NAME	LD50/LC50
Crystalline silica	ORAL LD50 RAT 500 MG/KG
Calcium carbonate	ORAL LD50 RAT 6,450 MG/KG
Water	ORAL LD50 RAT > 90 ML/KG

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

Skin corrosion / irritation: Can cause minor skin irritation, defatting, and dermatitis.

Serious eye damage / irritation :Can cause minor irritation, tearing and reddening.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: May cause genetic defects.

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: No data available.

Target organs potentially affected by exposure: Lungs Kidneys Central nervous system

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung disease, Kidney 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):

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**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: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

US 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.

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.

KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals 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 [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#	%
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**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
Titanium dioxide (Carcinogen)	13463-67-7	0.1 - 1
Formaldehyde (Carcinogen)	50-00-0	< 10 ppm
Ethyl acrylate (Carcinogen)	140-88-5	< 10 ppm
Nickel (Carcinogen)		< 10 ppm
Lead compounds (Carcinogen)		< 10 ppm
Acrylonitrile (Carcinogen)	107-13-1	< 10 ppm
Carbon black (Carcinogen)	1333-86-4	< 10 ppm

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

Unless listed below, this product does not contain SVHC's.  
tert-Octylphenol, ethoxylated

**SECTION 16: OTHER INFORMATION**

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SDS VERSION DATE: 08-31-2015

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.