

Print Date: 06-15-2015

FOSTER 46-51  
829543PM

## SAFETY DATA SHEET

REVISION DATE: 03-19-2015

SUPERSEDES: 10-20-2014

### SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

#### PRODUCT INFORMATION

**PRODUCT:** FOSTER 46-51  
**PRODUCT DESCRIPTION:** Coating  
**INTENDED USE:** Coating  
**PRODUCT IDENTIFIER:** 829543PM

#### 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:** Warning  
**GHS Classification:** Carcinogenicity Category 2  
**GHS Hazard Phrases:** Suspected of causing 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	10 - 30	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Titanium dioxide	13463-67-7	1 - 5	Carc. 2; H351	* (see below)
2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate	25265-77-4	1 - 5		
Fuller's earth	8031-18-3	1 - 5	Aquatic Chronic 2; H411 Acute Tox. 4; H302	* (see below)
Vinyl acetate	108-05-4	0.1 - 1	Carc. 2; H351 Flam. Liq. 2; H225	

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\*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.

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:** 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 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

**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

### 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.  
**METHODS FOR 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.  
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. Protect from freezing.  
Consult the Technical Data Sheet for specific storage instructions.

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### 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))
Titanium dioxide	* (see below)	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)
Cellulose	* (see below)	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Vinyl acetate		10 ppm TWA 15 ppm STEL	Not established

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#### 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 required. Wear chemically resistant gloves to prevent prolonged or repeated contact.
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:	Liquid
COLOR:	Gray
ODOR:	Sweet
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.):	11.30
SPECIFIC GRAVITY:	1.330

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SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	63.7
VOC, weight percent	0.77
VOC, U.S. EPA Method 24, less water and exempt solvents (analytically determined)	19g/liter of material

### 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

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Component Toxicity / Toxicology Data:

COMPONENT NAME	LD50/LC50
Crystalline silica	ORAL LD50 RAT 500 MG/KG
Aluminum hydroxide	ORAL LD50 RAT > 5,000 MG/KG
Titanium dioxide	ORAL LD50 RAT > 10,000 MG/KG
2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate	ORAL LD50 RAT 3,200 MG/KG DERMAL LD50 RAT > 15,200.00 MG/KG
Cellulose	INHALATION LC50-4H RAT > 5,800.00 MG/M3

**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: 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: No data available.

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.

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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:
2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate	<b>Acute Toxicity (Fish):</b> 96 Hr LC50 Pimephales promelas: 30 mg/L <b>Acute Toxicity (Daphnia):</b> Not established <b>Acute Toxicity (Algae):</b> 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L

### 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.

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#	%
Vinyl acetate	108-05-4	0.1 - 1

#### STATE REPORTING

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

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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	10 - 30
Titanium dioxide	(Carcinogen)	13463-67-7	1 - 5
Carbon black	(Carcinogen)	1333-86-4	0.01 - 0.1
Acetaldehyde	(Carcinogen)	75-07-0	0.001 - 0.01
Formaldehyde	(Carcinogen)	50-00-0	0.001 - 0.01
1,4-Dioxane	(Carcinogen)	123-91-1	< 10 ppm
Lead	(Carcinogen)	7439-92-1	< 10 ppm
Cadmium	(Carcinogen)	7440-43-9	< 10 ppm
Lead	(Developmental toxin)	7439-92-1	< 10 ppm
Cadmium	(Developmental toxin)	7440-43-9	< 10 ppm
Methanol	(Developmental toxin)	67-56-1	< 10 ppm
Lead	(Female reproductive toxin)	7439-92-1	< 10 ppm
Lead	(Male reproductive toxin)	7439-92-1	< 10 ppm
Cadmium	(Male reproductive toxin)	7440-43-9	< 10 ppm

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

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

**SECTION 16: OTHER INFORMATION**

SDS VERSION DATE: 03-19-2015

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.