

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 02-13-2013

SUPERSEDES: 01-10-2012

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

**PRODUCT INFORMATION**

PRODUCT NUMBER: FOSTER 30-45N  
PRODUCT DESCRIPTION: Sealant  
PRODUCT IDENTIFIER: 827496PM

**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

PHYSICAL STATE: Liquid  
COLOR: Green  
ODOR: Solvent  
Combustible  
Cancer hazard.

**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.

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. No hazard in normal industrial use.

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

REPRODUCTIVE: Contains a substance that is a possible reproductive hazard based on animal studies.

TARGET ORGAN(S): Kidneys Central nervous system Lungs Heart

**REGULATED CARCINOGEN STATUS:**

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

Crystalline silica  
Cobalt compound

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Kidney disease; Lung disease

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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Chemical Name	CAS #	PERCENT
Calcium carbonate	471-34-1	50 - 70
Stoddard solvent	8052-41-3	1 - 5
Crystalline silica	14808-60-7	1 - 5
Diisodecyl phthalate, branched	68515-49-1	1 - 5
Cobalt bis(2-ethylhexanoate)	136-52-7	0.1 - 1

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 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**

FLASH POINT:	62C; 144F
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 Chlorine containing gases 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 MSDS. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

**CLEAN-UP:** Scrape up and place in disposal container.  
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:** No special handling instructions due to toxicity.  
Keep away from heat, sparks and flame.  
Wash thoroughly after handling.

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Keep container closed.  
 Emptied container retains vapor and product residue.  
 Observe all labeled precautions until container is cleaned.  
 Drums of this material should be grounded when pouring.  
**DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.**

**Storage:** Store in a cool, dry, ventilated location. Keep away from heat and flame. 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.  
**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:**

<b>Chemical Name</b>	<b>ACGIH EXPOSURE LIMITS</b>	<b>OSHA PEL</b>
Calcium carbonate	Not established	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Stoddard solvent	100 ppm TWA	500 ppm TWA; 2900 mg/m <sup>3</sup> TWA
Crystalline silica	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))
Diisodecyl phthalate, branched	Not established	Not established
Cobalt bis(2-ethylhexanoate)	Not established	Not established

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid  
**COLOR:** Green  
**ODOR:** Solvent  
**ODOR THRESHOLD:** Not established  
**WEIGHT PER GALLON (lbs.):** 14.10  
**SPECIFIC GRAVITY:** 1.700  
**SOLIDS (% by weight):** 93.6  
  
**pH:** Not established  
**FLASH POINT:** 62C; 144F  
**BOILING POINT (deg. C):** Not established  
**FREEZING/MELTING POINT (deg. C):** Not established  
**VAPOR PRESSURE (mm Hg):** Not established

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VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
VOC, weight percent	4.98
VOC, EPA Method 24, less water and exempt solvents (theoretically determined)	85g/liter of material

### 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 Nitrogen containing gases Chlorine containing gases

### SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50/LC50
Calcium carbonate	Oral LD50 Rat = 6,450 mg/kg
Stoddard solvent	Not established
Crystalline silica	Not established
Diisodecyl phthalate, branched	Not established
Cobalt bis(2-ethylhexanoate)	Not established

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 IN CONTAINERS LESS THAN 119 GALLONS. FOR U.S. GROUND SHIPMENTS IN CONTAINERS 119 GALLONS OR MORE: NA1993, COMBUSTIBLE LIQUID, N.O.S. (MINERAL SPIRITS), III

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 EINECS:	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

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requirements.  
**PHILIPPINES:** This product is in compliance with the Philippine Inventory of Chemicals and Chemical Substances 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#	%
Cobalt compounds	136-52-7	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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D2B D2A

### 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	1 - 5
Cumene (Carcinogen)	98-82-8	0.01 - 0.1
Naphthalene (Carcinogen)	91-20-3	0.01 - 0.1
ethylbenzene (Carcinogen)	100-41-4	0.01 - 0.1
Carbon black (Carcinogen)	1333-86-4	0.01 - 0.1
2-Pentanone, 4-methyl- (Carcinogen)	108-10-1	0.001 - 0.01
Titanium dioxide (Carcinogen)	13463-67-7	0.001 - 0.01
Diisodecyl phthalate (mixed isomers) (Developmental toxin)	68515-49-1	1 - 5
Methanol (Developmental toxin)	67-56-1	0.01 - 0.1

### 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).

**HMIS RATING:** HEALTH -- 0 FLAMMABILITY -- 2 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

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