

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 09-09-2008

SUPERSEDES: 08-13-2008

### 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: 826927PM  
PRODUCT NUMBER: DSP 508 PART A  
PRODUCT DESCRIPTION: Epoxy flooring

### 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 exposure limit guidelines.

Chemical Name	CAS #	PERCENT	OSHA PEL
Epoxy resin	25085-99-8	50 - 70	Not established
Phenol, 4-nonyl, branched	84852-15-3	10 - 30	Not established
Epoxy resin	68609-97-2	10 - 30	Not established
Aliphatic petroleum distillate	68515-29-7	1 - 5	Not established
Glycidoxypropyltrimethoxysilane	2530-83-8	1 - 5	Not established
Titanium dioxide	13463-67-7	0.1 - 1	TWA (Total dust) 10 MG/M3

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Corrosive to eye tissue.  
Causes skin burns. May cause allergic skin reaction.  
Moderate respiratory tract irritant.  
Harmful if swallowed.

HMIS RATING: HEALTH -- 3 FLAMMABILITY -- 1 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:** Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

**SKIN:** Corrosive to skin tissue. Can cause chemical burns. May cause sensitization.

**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.

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. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.

### LONG-TERM (CHRONIC) HEALTH EFFECTS

**TARGET ORGAN(S):** Skin Lungs

### REGULATED CARCINOGEN STATUS:

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

Titanium dioxide

**EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:** Skin disease including eczema and sensitization; Lung disease

## **SECTION 4: FIRST AID MEASURES**

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**IF IN EYES:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**IF ON SKIN:** Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

**IF VAPORS INHALED:** Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

**IF SWALLOWED:** Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately. 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**

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<b>FLASH POINT:</b>	Not applicable
<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>	Material will burn in a fire.
<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

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPECIAL PROTECTION:** Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, and the area in which the spill occurred. Never exceed any occupational exposure limits.

**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.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

### SECTION 7: HANDLING AND STORAGE

**Handling:** Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.  
This product contains an ingredient that may release formaldehyde at heated cure temperatures.  
This product contains an ingredient that may react with water or humidity to release methanol (67-56-1). The TWA for methanol is 200 ppm.

**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 chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.

**SKIN PROTECTION:** Prevent contact with this product. Wear chemically resistant gloves, long sleeved shirt, an apron, and other protective equipment depending on conditions of use.

**GLOVES:** Butyl rubber

**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 if product is sprayed. 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
Epoxy resin	Not established	Not established
Phenol, 4-nonyl, branched	Not established	Not established
Epoxy resin	Not established	Not established

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Aliphatic petroleum distillate	Not established	Not established
Glycidoxypropyltrimethoxysilane	Not established	Not established
Titanium dioxide	TWA 10 MG/M3	Not established

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Blue
ODOR:	Neutral
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	8.79
SPECIFIC GRAVITY:	1.05
SOLIDS (% by weight):	100.0
pH:	7.0
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:	Water
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide

### SECTION 11: TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Epoxy resin	Not established
Phenol, 4-nonyl, branched	Oral LD50 Rat = 1300 mg/kg
Epoxy resin	Not established
Aliphatic petroleum distillate	Not established
Glycidoxypropyltrimethoxysilane	Oral LD50 Rat = 22600 ml/kg Dermal LD50 Rabbit = 3970 ml/kg

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Titanium dioxide	Not established
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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. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

### SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED IF <119 GALLONS & IF NOT SHIPPED BY VESSEL. IN CONTAINERS 119 GALLONS OR MORE OR IF SHIPPED BY VESSEL: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, NOS (NONYLPHENOL), 9, III, MARINE POLLUTANT  
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: All substances contained in this product meet the requirements of the REACH regulation implemented in the European Union.

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

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
Epichlorohydrin (Carcinogen)	106-89-8	< 10 ppm

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Toluene (Developmental toxin)	108-88-3	< 10 ppm
Epichlorohydrin (Male reproductive toxin)	106-89-8	< 10 ppm

### 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.