

MATERIAL SAFETY DATA SHEET

REVISION DATE: 12-07-2007

SUPERSEDES: 12-07-2007

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: 801820PM
PRODUCT NUMBER: CP0450
PRODUCT NAME: ENCACEL V
PRODUCT DESCRIPTION: Coating

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
Aromatic petroleum distillate	64742-95-6	50 - 70	Not established
Trimethylbenzene, 1,2,4-	95-63-6	10 - 30	Not established
Aluminum silicate of potash and soda.	68476-25-5	10 - 30	TWA (as Al) (Total dust) 15MG/M3 TWA (as Al) (Respirable dust) 5MG/M3
Chlorinated paraffin	63449-39-8	5 - 10	Not established
Titanium dioxide	13463-67-7	5 - 10	TWA (Total dust) 10MG/M3
Trimethylbenzene, 1,3,5	108-67-8	5 - 10	Not established
Crystalline silica	14808-60-7	5 - 10	TWA (Respirable dust) 0.1MG/M3
Diethylbenzene	25340-17-4	1 - 5	Not established
Mica	12001-26-2	1 - 5	TWA (Respirable dust) 3MG/M3

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Propoxyethanol, 2-	2807-30-9	1 - 5	Not established
Xylene	1330-20-7	1 - 5	TWA 100ppm STEL 150ppm
Cumene	98-82-8	1 - 5	TWA 50ppm Skin notation
Ethylbenzene	100-41-4	0.1 - 1	TWA 100ppm STEL 125ppm
Antimony trioxide	1309-64-4	0.1 - 1	TWA (as Sb) 0.5MG/M3

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Combustible

Causes skin irritation.

Moderate respiratory tract irritant.

Harmful if swallowed.

Cancer hazard.

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

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.

SKIN: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

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.

Other possible symptoms include coughing or wheezing.

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. Harmful if swallowed. Irritating to mouth, throat, and stomach.

LONG-TERM (CHRONIC) HEALTH EFFECTS

REPRODUCTIVE: Contains a substance that is a probable reproductive hazard based on human studies.

TARGET ORGAN(S): Blood Central nervous system Lungs Kidneys Liver

REGULATED CARCINOGEN STATUS:

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

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Titanium dioxide
Crystalline silica
Ethylbenzene
Antimony trioxide

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Blood disorders (like anemia); Lung disease; Kidney disease; Liver disease

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. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

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

IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. 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

FLASH POINT:	43C; 109F TCC
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 Sulfur containing gases Nitrogen containing gases

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

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.
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

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SECTION 7: HANDLING AND STORAGE

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
 Keep away from heat, sparks and flame.
 Wash thoroughly after handling.
 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 and long sleeved shirt. An apron may be appropriate if splashing can occur. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

GLOVES: Nitrile

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 organic vapor cartridge. 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
Aromatic petroleum distillate	Not established	Not established
Trimethylbenzene, 1,2,4-	Not established	Not established
Aluminum silicate of potash and soda.	TWA (as Al) (Total dust) 10MG/M3	Not established
Chlorinated paraffin	Not established	Not established
Titanium dioxide	TWA 10MG/M3	Not established
Trimethylbenzene, 1,3,5	Not established	Not established

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Crystalline silica	TWA (Respirable dust) 0.025MG/M3	Not established
Diethylbenzene	Not established	Not established
Mica	TWA (Respirable dust) 3MG/M3	Not established
Propoxyethanol, 2-	Not established	Not established
Xylene	TWA 100ppm STEL 150ppm	Not established
Cumene	TWA 50ppm	Not established
Ethylbenzene	TWA 100ppm STEL 125ppm	Not established
Antimony trioxide	TWA (as Sb) 0.5MG/M3	Not established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	White
ODOR:	Solvent
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	9.6
SPECIFIC GRAVITY:	1.17
SOLIDS (% by weight):	46.0
pH:	Not established
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:	Strong oxidizing agents
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Chlorine

MATERIAL SAFETY DATA SHEETcontaining gases Sulfur containing gases Nitrogen
containing gases**SECTION 11: TOXICOLOGICAL INFORMATION**

CHEMICAL NAME	LD50/LC50
Aromatic petroleum distillate	Oral LD50 Rat = 8400mg/kg
Trimethylbenzene, 1,2,4-	Oral LD50 Rat = 5g/kg Inhalation LC50 Rat = 18000mg/cu m/4H
Aluminum silicate of potash and soda.	Not established
Chlorinated paraffin	Oral LD50 Rat > 21500ml/kg Dermal LD50 Rabbit > 10ml/kg
Titanium dioxide	Not established
Trimethylbenzene, 1,3,5	Inhalation LC50 Rat = 24000mg/cu m/4H
Crystalline silica	Not established
Diethylbenzene	Oral LD50 Rabbit = 3g/kg
Mica	Not established
Propoxyethanol, 2-	Oral LD50 Rat = 3089mg/kg Inhalation LC50 Mouse = 2024ppm/4H Dermal LD50 Rabbit = 960ml/kg
Xylene	Oral LD50 Rat = 4300mg/kg Inhalation LC50 Rat = 5000ppm/4H Dermal LD50 Rat = 1700mg/kg
Cumene	Oral LD50 Rat = 1400mg/kg Inhalation LC50 Mouse = 17500mg/cu m/4H Dermal LD50 Rabbit = 12.3ml/kg
Ethylbenzene	Oral LD50 Rat = 3500mg/kg Dermal LD50 Rabbit = 17.8ml/kg
Antimony trioxide	Oral LD50 Rat > 34600mg/kg

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

634.7 g VOC/liter of material, less water and exempt solvents
(VOC theoretically determined using EPA Reference method 24)**SECTION 13: DISPOSAL CONSIDERATIONS**

This product meets the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your state, local, or provincial authorities for more restrictive requirements.

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LAND DISPOSAL RESTRICTIONS: Xylenes (o-, m-, p- isomers) Ethyl benzene

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: UN1139, COATING SOLUTION, 3, III

IATA: UN1139, COATING SOLUTION, 3, III

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.
- EUROPEAN EINECS: This product is in compliance with the European Inventory of Notified and Existing Chemical Substances requirements.
- 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.
- 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#	%
1,2,4-Trimethylbenzene	95-63-6	10 - 30
Glycol ethers	2807-30-9	1 - 5
Xylene (mixed isomers)	1330-20-7	1 - 5
Cumene	98-82-8	1 - 5
ethylbenzene	100-41-4	0.1 - 1
Antimony compounds	1309-64-4	0.1 - 1

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

B3

D2B D2A

STATE REPORTING

This MSDS is not prepared for distribution in California.

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).

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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.