

MATERIAL SAFETY DATA SHEET

REVISION DATE: 03-10-2011

SUPERSEDES: 02-18-2010

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: CP0760
PRODUCT NAME: CHILDERS CP-76
PRODUCT DESCRIPTION: Sealant
PRODUCT IDENTIFIER: 801832PM

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL STATE: Solid
COLOR: White
ODOR: Solvent

Combustible
Moderate eye irritant.
Can cause skin irritation.
Harmful if swallowed.
Cancer hazard.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

SKIN: Can cause skin irritation.

Component(s) may be absorbed through intact skin, but it is unlikely that harmful effects will occur unless contact is prolonged, repeated, and extensive.

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. 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): Kidneys Central nervous system Lungs Reproductive system Liver Blood

REGULATED CARCINOGEN STATUS:

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

Crystalline silica
Titanium dioxide

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Ethylbenzene

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	PERCENT
Aluminum silicate of potash and soda.	68476-25-5	30 - 50
Stoddard solvent	8052-41-3	10 - 30
Crystalline silica	14808-60-7	10 - 30
Mica	12001-26-2	1 - 5
Toluene	108-88-3	1 - 5
Aromatic petroleum distillate	64742-95-6	1 - 5
Trimethylbenzene, 1,3,5	108-67-8	1 - 5
Trimethylbenzene, 1,2,4-	95-63-6	1 - 5
Xylene	1330-20-7	0.1 - 1
Titanium dioxide	13463-67-7	0.1 - 1
Ethylbenzene	100-41-4	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: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

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 immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	40C; 104F
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

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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.

Avoid creating dusts. Cover material with absorbent and moisten and collect for disposal.

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: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Avoid breathing material.

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 with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves. 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.

MATERIAL SAFETY DATA SHEET**EXPOSURE LIMITS:**

Chemical Name	ACGIH EXPOSURE LIMITS	OSHA PEL
Aluminum silicate of potash and soda.	Not established	Not established
Stoddard solvent	100 ppm TWA	500 ppm TWA; 2900 mg/m ³ TWA
Crystalline silica	0.025 mg/m ³ TWA (respirable fraction)	((250)/(%SiO ₂ + 5) mppcf TWA (respirable)); ((10)/(%SiO ₂ + 2) mg/m ³ TWA (respirable)); ((30)/(%SiO ₂ + 2) mg/m ³ TWA (total dust))
Mica	3 mg/m ³ TWA (respirable fraction)	Not established
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling
Aromatic petroleum distillate	Not established	Not established
Trimethylbenzene, 1,3,5	Not established	Not established
Trimethylbenzene, 1,2,4-	Not established	Not established
Xylene	100 ppm TWA 150 ppm STEL	100 ppm TWA; 435 mg/m ³ TWA
Titanium dioxide	10 mg/m ³ TWA	15 mg/m ³ TWA (total dust)
Ethylbenzene	100 ppm TWA 125 ppm STEL	100 ppm TWA; 435 mg/m ³ TWA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	White
ODOR:	Solvent
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	10.5
SPECIFIC GRAVITY:	1.2
SOLIDS (% by weight):	71.7
pH:	Not applicable
FLASH POINT:	Not established
BOILING POINT (deg. C):	40C; 104F
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
VOC, weight percent	28.3
VOC, EPA Method 24, less water and exempt solvents (theoretically determined)	356g/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

MATERIAL SAFETY DATA SHEET**SECTION 11: TOXICOLOGICAL INFORMATION**

COMPONENT	LD50/LC50
Aluminum silicate of potash and soda.	Not established
Stoddard solvent	Not established
Crystalline silica	Not established
Mica	Not established
Toluene	Oral LD50 Rat = 636 mg/kg Inhalation LC50 Rat = 49000 mg/cu m/4H Dermal LD50 Rabbit = 14.1 ml/kg
Aromatic petroleum distillate	Oral LD50 Rat = 8400 mg/kg
Trimethylbenzene, 1,3,5	Inhalation LC50 Rat = 24000 mg/cu m/4H
Trimethylbenzene, 1,2,4-	Oral LD50 Rat = 5 g/kg Inhalation LC50 Rat = 18000 mg/cu m/4H
Xylene	Oral LD50 Rat = 4300 mg/kg Inhalation LC50 Rat = 5000 ppm/4H Dermal LD50 Rat = 1700 mg/kg
Titanium dioxide	Not established
Ethylbenzene	Oral LD50 Rat = 3500 mg/kg Dermal LD50 Rabbit = 17.8 ml/kg

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

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.

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

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

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 EINECS: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

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

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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#	%
Toluene	108-88-3	1 - 5
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Xylene (mixed isomers)	1330-20-7	0.1 - 1
ethylbenzene	100-41-4	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).

HMIS RATING: HEALTH -- 2 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

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