

**SAFETY DATA SHEET**

REVISION DATE: 06-17-2015

SUPERSEDES: 05-29-2012

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER**
**PRODUCT INFORMATION**

PRODUCT: CHAPCO SAFE-SET 6  
 PRODUCT DESCRIPTION: Mastic  
 INTENDED USE: Adhesive  
 PRODUCT IDENTIFIER: 825613PM

**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:** Skin Sensitisation Category 1A  
**GHS Hazard Phrases:** May cause an allergic skin reaction.  
**GHS Precautions:**  
**Safety Precautions:** Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
**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
Kaolin clay	1332-58-7	10 - 30		*(see below)

\*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.

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### SECTION 4: FIRST AID MEASURES

**IF IN EYES:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**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.

### 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 health effects expected from the cleanup of this material if contact can be avoided. 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.

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

### SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid unnecessary exposure.

**Storage:** Store in a cool, dry place. Protect from freezing  
Consult the Technical Data Sheet for specific storage instructions.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### EXPOSURE LIMITS:

Chemical Name	Note	ACGIH EXPOSURE LIMITS	OSHA PEL
Kaolin clay	*(see below)	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Methyl alcohol		200 ppm TWA 250 ppm STEL Skin absorption may potentially contribute to the overall exposure to this material.	200 ppm TWA; 260 mg/m <sup>3</sup> TWA

\*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.

**SAFETY DATA SHEET****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. 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. 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:	Semi-solid
COLOR:	Off-white
ODOR:	Odorless
ODOR THRESHOLD:	Not established
pH:	9.5
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.):	9.40
SPECIFIC GRAVITY:	1.130
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	59.0
VOC, weight percent	0.70
VOC, U.S. EPA Method 24, less water and exempt solvents (theoretically determined)	14g/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

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### SECTION 11: TOXICOLOGICAL INFORMATION

#### Component Toxicity / Toxicology Data:

COMPONENT NAME	LD50/LC50
Water	ORAL LD50 RAT > 90 ML/KG
Diethyleneglycol dibenzoate	ORAL LD50 RAT 2,830 MG/KG
Propylene glycol	ORAL LD50 RAT 20,000 MG/KG DERMAL LD50 RABBIT 20,800.00 MG/KG

**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 :No irritation hazard in normal industrial use.

Respiratory / skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

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

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 Eyes Central nervous system

Aspiration hazard: No data available.

Medical Conditions Aggravated by Exposure: Lung disease, Eye disease

### SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW:	No ecological information available for this product.
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:
Propylene glycol	<b>Acute Toxicity (Fish):</b> 96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L <b>Acute Toxicity (Daphnia):</b> 24 Hr EC50 Daphnia magna: >10000 mg/L; 48 Hr EC50 Daphnia magna: >1000 mg/L [Static] <b>Acute Toxicity (Algae):</b> 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 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.

LAND DISPOSAL RESTRICTIONS: Methanol

**SAFETY DATA SHEET****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.

KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List 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#	%
Methanol	67-56-1	0.1 - 1

**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
Acetaldehyde (Carcinogen)	75-07-0	0.01 - 0.1
Quartz (Carcinogen)	14808-60-7	0.01 - 0.1
Formaldehyde (Carcinogen)	50-00-0	0.01 - 0.1
C.I. Direct blue 15 (Carcinogen)	2429-74-5	< 10 ppm
Methanol (Developmental toxin)	67-56-1	0.1 - 1

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

Unless listed below, this product does not contain SVHC's.

**SECTION 16: OTHER INFORMATION**

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SDS VERSION DATE: 06-17-2015

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 -- 1 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.