

**SAFETY DATA SHEET**

REVISION DATE: 10-02-2019

SUPERSEDES: 05-10-2019

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

**PRODUCT INFORMATION**

PRODUCT: CHAPCO 902  
 PRODUCT DESCRIPTION: Mastic  
 INTENDED USE: Adhesive  
 PRODUCT IDENTIFIER: 845053PM

**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 Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2  
**GHS Hazard Phrases:** Causes skin irritation.; Causes serious eye irritation.  
**GHS Precautions:**  
**Safety Precautions:** Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

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

Chemical Name	CAS #	PERCENT	Classification	Note
Titanium dioxide	13463-67-7	1 - 5	Carc. 2; H351	* (see below)
Crystalline silica	14808-60-7	0.1 - 1	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Polyacrylic acid, sodium salt: CAS:9003-04-7	9003-04-7	0.1 - 1	Eye Irrit. 2; H319	
Secondary alcohol ethoxylate: CAS:84133-50-6	84133-50-6	0.1 - 1	Eye Dam. 1; H318 Skin Irrit. 2; H315	

\*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

**SAFETY DATA SHEET**

risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur. This product contains crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR 1910.1053 or 1926.1153.

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29CFR 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:** 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. Material will burn in a fire.

**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 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 SDS.

**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:** No special handling instructions due to toxicity. This product contains an ingredient that may release formaldehyde at heated cure temperatures.

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

**SAFETY DATA SHEET**

**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 particulate matter)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Mineral oil		No data available.	5 mg/m <sup>3</sup> TWA (as mist)
Mineral oil		No data available.	5 mg/m <sup>3</sup> TWA (as mist)
Titanium dioxide	* (see below)	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)
Ethanol amine		3 ppm TWA 6 ppm STEL	3 ppm TWA; 6 mg/m <sup>3</sup> TWA
Crystalline silica	* (see below)	0.025 mg/m <sup>3</sup> TWA (respirable particulate matter)	((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))

\*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. This product contains crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR 1910.1053 or 1926.1153.

**ENGINEERING CONTROL METHODS:**

- VENTILATION: General room ventilation might be required under normal conditions of use.
- EYE PROTECTION: Wear safety glasses when handling this product.
- SKIN PROTECTION: Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact.
- GLOVES: Not normally required. Use nitrile gloves if conditions warrant.
- RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use. 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: Tan
- ODOR: Characteristic Slight
- ODOR THRESHOLD: Not established
- pH: 10.3
- FREEZING/MELTING POINT (deg. C): Not established
- BOILING POINT (deg. C): Not established
- FLASH POINT: Non flammable > 204°C (400°F) COC
- 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

**SAFETY DATA SHEET**

VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
WEIGHT PER GALLON (lbs.):	9.65
SPECIFIC GRAVITY:	1.160
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	66.0
VOC, weight percent	Not determined

**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 Nitrogen containing gases

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
Kaolin clay	Oral LD50 Rat > 5,000 mg/kg Dermal LD50 Rat > 5,000.00 mg/kg
Mineral oil	Oral LD50 Rat > 5,000 mg/kg Dermal LD50 Rabbit > 2,000.00 mg/kg
Mineral oil	Oral LD50 Rat > 5,000 mg/kg Dermal LD50 Rabbit > 5,000.00 mg/kg
Ethanol amine	Oral LD50 Rat 1,720 mg/kg

**This product is a mixture. Unless noted, the information below is based on components.**

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

Serious eye damage / irritation :Can cause moderate irritation, tearing and reddening.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: Contains a material that may cause cancer.

Reproductive toxicity: No data available.

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

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung disease

**SECTION 12: ECOLOGICAL INFORMATION**

**SAFETY DATA SHEET**

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:
Mineral oil	Acute Toxicity (Fish): Not established Acute Toxicity (Daphnia): EC50 48 h Daphnia magna >1000 mg/L (IUCLID) Acute Toxicity (Algae): Not established
Ethanol amine	Acute Toxicity (Fish): Not established Acute Toxicity (Daphnia): EC50 48 h Daphnia magna 65 mg/L (IUCLID) Acute Toxicity (Algae): EC50 72 h Desmodesmus subspicatus 15 mg/L (IUCLID)

**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.

**SECTION 14: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

**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 contains a component that is not on the Australian Inventory (AICS).

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**

\*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. This product contains crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR 1910.1053 or 1926.1153.

EPA SARA Title III Section 313

**SAFETY DATA SHEET**

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#	%
---------------	------	---

**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
Titanium dioxide	(Carcinogen)	13463-67-7	1 - 5
Quartz	(Carcinogen)	14808-60-7	0.1 - 1
Chlorothalonil	(Carcinogen)	1897-45-6	0.1 - 1
Naphthalene	(Carcinogen)	91-20-3	0.001 - 0.01
Styrene	(Carcinogen)	100-42-5	0.001 - 0.01
Ethyl acrylate	(Carcinogen)	140-88-5	< 10 ppm
1,3-Butadiene	(Carcinogen)	106-99-0	< 10 ppm
1,3-Butadiene	(Developmental toxin)	106-99-0	< 10 ppm
1,3-Butadiene	(Female reproductive toxin)	106-99-0	< 10 ppm
1,3-Butadiene	(Male reproductive toxin)	106-99-0	< 10 ppm

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

Unless listed below, this product does not contain SVHC's at 0.1% or greater, as of the version date of this SDS.

**SECTION 16: OTHER INFORMATION**

SDS VERSION DATE: 10-02-2019

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 -- 0 FLAMMABILITY -- 1 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.