

SAFETY DATA SHEET

REVISION DATE: 10-02-2019

SUPERSEDES: 05-10-2019

SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

PRODUCT INFORMATION

PRODUCT: TEC 902
 PRODUCT DESCRIPTION: Mastic
 INTENDED USE: Adhesive
 PRODUCT IDENTIFIER: 845054PM

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

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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 29CFR1910.1053 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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Chemical Name	Note	ACGIH EXPOSURE LIMITS	OSHA PEL
Kaolin clay	* (see below)	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Mineral oil		No data available.	5 mg/m ³ TWA (as mist)
Mineral oil		No data available.	5 mg/m ³ TWA (as mist)
Titanium dioxide	* (see below)	10 mg/m ³ TWA	15 mg/m ³ TWA (total dust)
Ethanol amine		3 ppm TWA 6 ppm STEL	3 ppm TWA; 6 mg/m ³ TWA
Crystalline silica	* (see below)	0.025 mg/m ³ TWA (respirable particulate matter)	((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))

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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

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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

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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 to request an export review.

FEDERAL REPORTING

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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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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

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