

**SAFETY DATA SHEET**

REVISION DATE: 04-07-2016

SUPERSEDES: 02-10-2015

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

**PRODUCT INFORMATION**

PRODUCT: FOSTER 40-51 (FD4051)  
 PRODUCT DESCRIPTION: Sealer/coating  
 INTENDED USE: Adhesive  
 PRODUCT IDENTIFIER: 826078PM

**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:** Serious Eye Damage/Eye Irritation Category 2; Hazardous to the aquatic environment - Acute Category 3  
**GHS Hazard Phrases:** Causes serious eye irritation.; Harmful to aquatic life.  
**GHS Precautions:**  
**Safety Precautions:** Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
**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 |
|--|------------|---------|---|------|
| 2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate | 25265-77-4 | 1 - 5   |   |      |
| Zinc compounds                                 | 13463-41-7 | 1 - 5   | Aquatic Acute 1; H400<br>Acute Tox. 4; H332<br>Acute Tox. 3; H301<br>Eye Dam. 1; H318 |      |

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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:** 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.

**IF INHALED:** Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

**IF SWALLOWED:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. 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

**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 Sulfur containing gases  
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.

**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 |
|--------------------|------|-----------------------|----------|
| No data available. |      |                       |          |

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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 considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.  
**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**

|  |                              |
|--|------------------------------|
| <b>PHYSICAL STATE:</b>                   | Liquid                       |
| <b>COLOR:</b>                            | White                        |
| <b>ODOR:</b>                             | Sweet Mild                   |
| <b>ODOR THRESHOLD:</b>                   | Not established              |
| <b>pH:</b>                               | 9.4                          |
| <b>FREEZING/MELTING POINT (deg. C):</b>  | Not established              |
| <b>BOILING POINT (deg. C):</b>           | Not established              |
| <b>FLASH POINT:</b>                      | Non flammable                |
| <b>EVAPORATION RATE:</b>                 | Not established              |
| <b>FLAMMABILITY:</b>                     | Not a flammable solid or gas |
| <b>UPPER EXPLOSIVE LIMIT (% in air):</b> | Not established              |
| <b>LOWER EXPLOSIVE LIMIT (% in air):</b> | Not established              |
| <b>VAPOR PRESSURE (mm Hg):</b>           | Not established              |
| <b>VAPOR DENSITY:</b>                    | Not established              |
| <b>WEIGHT PER GALLON (lbs.):</b>         | 8.80                         |
| <b>SPECIFIC GRAVITY:</b>                 | 1.060                        |
| <b>SOLUBILITY:</b>                       | Not established              |
| <b>OCTANOL/WATER COEFFICIENT:</b>        | Not established              |
| <b>AUTOIGNITION TEMPERATURE:</b>         | Not established              |
| <b>DECOMPOSITION TEMPERATURE:</b>        | Not established              |
| <b>VISCOSITY:</b>                        | No data available.           |
| <b>VOC, weight percent</b>               | 1.85                         |

**SECTION 10: STABILITY AND REACTIVITY**

|  |  |
|--|--|
| <b>STABILITY:</b>                        | Stable under normal conditions.  |
| <b>CHEMICAL INCOMPATIBILITY:</b>         | Not established  |
| <b>HAZARDOUS POLYMERIZATION:</b>         | Will not occur.  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> | Nitrogen containing gases Sulfur containing gases<br>Carbon monoxide, carbon dioxide |

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Component Toxicity / Toxicology Data:**

| COMPONENT NAME                                 | LD50/LC50                        |
|--|----------------------------------|
| 2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate | Oral LD50 Rat 3,200 mg/kg        |
| Zinc compounds                                 | Inhalation LC50 Rat 140.00 MG/M3 |

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

Skin corrosion / irritation: No irritation hazard in normal industrial use.

Serious eye damage / irritation :No irritation hazard in normal industrial use.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

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: Peripheral nervous system

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: No medical conditions affected by exposure.

**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:  |
|--|--|
| 2,2,4-Trimethyl-1,3-pentanediolmonoisobutyrate | Acute Toxicity (Fish): 96 Hr LC50 Pimephales promelas: 30 mg/L<br>Acute Toxicity (Daphnia): Not established<br>Acute Toxicity (Algae): 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 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.

**SECTION 14: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

US DOT: NOT REGULATED  
 IATA: NOT REGULATED  
 IMDG: NOT REGULATED

**SECTION 15: REGULATORY INFORMATION**

**INVENTORY STATUS**

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|                               |  |
|-------------------------------|--|
| <b>U.S. EPA TSCA:</b>         | This product is in compliance with the Toxic Substances Control Act's Inventory requirements.  |
| <b>CANADIAN CEPA DSL:</b>     | This product contains one or more components which have not been determined to be on the DSL. If you are the importer of this product into Canada, contact H.B. Fuller for chemical tracking and notification information. |
| <b>EUROPEAN REACH:</b>        | As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.   |
| <b>AUSTRALIA AICS:</b>        | This product contains a component that is not on the Australian Inventory (AICS).  |
| <b>KOREAN TCCL:</b>           | This product is in compliance with the Korean Existing Chemicals List requirements.  |
| <b>CHINA IECSC INVENTORY:</b> | This product is in compliance with the Inventory of Existing Chemical Substances in China (IECSC) 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#       | %     |
|----------------|------------|-------|
| Zinc compounds | 13463-41-7 | 1 - 5 |

**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      |
|--------------------------------|------------|--------------|
| Formaldehyde (Carcinogen)      | 50-00-0    | 0.001 - 0.01 |
| Quartz (Carcinogen)            | 14808-60-7 | 0.001 - 0.01 |
| 1,4-Dioxane (Carcinogen)       | 123-91-1   | < 10 ppm     |
| Ethyl acrylate (Carcinogen)    | 140-88-5   | < 10 ppm     |
| Methanol (Developmental toxin) | 67-56-1    | 0.001 - 0.01 |

**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. tert-Octylphenol, ethoxylated

**SECTION 16: OTHER INFORMATION**

SDS VERSION DATE: 04-07-2016

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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 -- 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.