

Print Date: 06-25-2015

FOSTER 82-77, PART A  
802405PM**SAFETY DATA SHEET**

REVISION DATE: 06-25-2015

SUPERSEDES: 03-26-2015

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

**PRODUCT:** FOSTER 82-77, PART A  
**PRODUCT DESCRIPTION:** Epoxy resin  
**INTENDED USE:** Adhesive  
**PRODUCT IDENTIFIER:** 802405PM

**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 1; Skin Corrosion/Irritation Category 2; Germ Cell Mutagenicity Category 2; Hazardous to the aquatic environment - Chronic Category 2  
**GHS Hazard Phrases:** Causes skin irritation.; May cause an allergic skin reaction.; Suspected of causing genetic defects.; Toxic to aquatic life with long lasting effects.  
**GHS Precautions:**  
**Safety Precautions:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.  
**Storage:** Store locked up.  
**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
Epoxy resin	25068-38-6	70 - 100	Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Skin Irrit. 2; H315	

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Glycidyl ether	2210-79-9	10 - 30	Skin Sens. 1; H317 Aquatic Chronic 2; H411 Muta. 2; H341 Skin Irrit. 2; H315 Skin Sens. 1; H317	
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\*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.

**SECTION 4: FIRST AID MEASURES**

**IF IN EYES:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

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

**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.  
Consult the Technical Data Sheet for specific storage instructions.

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Chemical Name	Note	ACGIH EXPOSURE LIMITS	OSHA PEL
Silica, amorphous fumed	* (see below)	No data available.	20 mppcf TWA; ((80)/(% SiO <sub>2</sub> )) 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.

**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:	Avoid skin contact by wearing chemically resistant gloves.
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 dust/mist filter if product is sprayed. 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:	Liquid
COLOR:	Black
ODOR:	Characteristic Mild
ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	200C (392F) TCC
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.):	9.80
SPECIFIC GRAVITY:	1.170
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	100.0
VOC, weight percent	Not determined

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**STABILITY:** Stable under normal conditions.  
**CHEMICAL INCOMPATIBILITY:** Not established  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide

**SECTION 11: TOXICOLOGICAL INFORMATION****Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
Glycidyl ether	INHALATION LC50-4H RAT 6,090.00 MG/M3

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

Skin corrosion / irritation: Can cause skin irritation.

Serious eye damage / irritation :Can cause irritation.

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

Germ cell mutagenicity: Suspected of causing genetic defects.

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: Skin Lungs

Aspiration hazard: No data available.

Medical Conditions Aggravated by Exposure: Skin disease including eczema and sensitization, Lung 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:
No data available.	Acute Toxicity (Fish): Acute Toxicity (Daphnia): Acute Toxicity (Algae):

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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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. Disposal via incineration at an approved facility is recommended as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

**SECTION 14: TRANSPORT INFORMATION**

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Consult Bill of Lading for transportation information.

US DOT: NOT REGULATED (WHEN SHIPPED TOGETHER WITH PART B AS A KIT: UN1760, CORROSIVE LIQUIDS, N.O.S. (DIETHYLENTRIAMINE, TETRAETHYLENEMPENTAMINE), 8, II, MARINE POLLUTANT)

IATA: NOT REGULATED (WHEN SHIPPED TOGETHER WITH PART B AS A KIT: UN1760, CORROSIVE LIQUIDS, N.O.S. (DIETHYLENTRIAMINE, TETRAETHYLENEMPENTAMINE), 8, II, MARINE POLLUTANT)

IMDG: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN), 9, III, MARINE POLLUTANT (WITH PART B IN KIT USE THE PART B SHIPPING DESCRIPTION: UN1760, CORROSIVE LIQUIDS, N.O.S. ... 8, II, MARINE POLLUTANT)

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**SECTION 15: REGULATORY INFORMATION**

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**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.

JAPAN ENCS: This product is in compliance with the Japanese Existing and New Chemical Substances requirements.

KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.

CHINA IECSC INVENTORY: 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

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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
Nickel	(Carcinogen)		< 10 ppm
Phenyl glycidyl ether	(Carcinogen)	122-60-1	< 10 ppm
Epichlorohydrin	(Carcinogen)	106-89-8	< 10 ppm
Lead compounds	(Carcinogen)		< 10 ppm
Arsenic compounds (inorganic)	(Carcinogen)		< 10 ppm
(Phenoxymethyl) oxirane	(Male reproductive toxin)	122-60-1	< 10 ppm
Epichlorohydrin	(Male reproductive toxin)	106-89-8	< 10 ppm

**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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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 -- 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.