

**SAFETY DATA SHEET**

REVISION DATE: 05-31-2016

SUPERSEDES: 07-02-2014

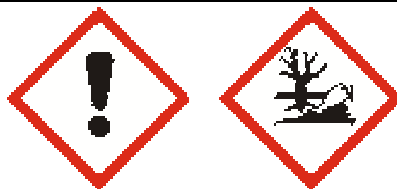
**SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER**
**PRODUCT INFORMATION**

PRODUCT: ACCUCOLOR EFX DARK BASE  
 PRODUCT DESCRIPTION: Epoxy resin  
 INTENDED USE: Adhesive  
 PRODUCT IDENTIFIER: 829467PM

**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; Serious Eye Damage/Eye Irritation Category 2; Hazardous to the aquatic environment - Chronic Category 2  
**GHS Hazard Phrases:** Causes skin irritation.; May cause an allergic skin reaction.; Causes serious eye irritation.; Toxic to aquatic life with long lasting effects.  
**GHS Precautions:**  
**Safety Precautions:** 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.  
**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 | 50 - 70 | Aquatic Chronic 2; H411<br>Eye Irrit. 2; H319<br>Skin Irrit. 2; H315 |      |

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|                                   |            |         |   |               |
|-----------------------------------|------------|---------|---|---------------|
| Epoxy resin                       | 68609-97-2 | 10 - 30 | Skin Sens. 1; H317<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317                       |               |
| Polystyrene                       | 9003-53-6  | 5 - 10  | Acute Tox. 4; H332<br>Eye Irrit. 2; H319<br>Flam. Liq. 3; H226<br>Skin Irrit. 2; H315 |               |
| Crystalline silica                | 14808-60-7 | 5 - 10  | Carc. 1A; H350<br>STOT RE 1; H372   | * (see below) |
| Polyethylene glycol, propoxylated | 9003-11-6  | 1 - 5   | Aquatic Chronic 3; H412   |               |
| Titanium dioxide                  | 13463-67-7 | 0.1 - 1 | Carc. 2; H351   | * (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.

**SECTION 4: FIRST AID MEASURES**

**IF IN EYES:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

**IF ON SKIN:** Wash with soap and water. Remove contaminated clothing and launder. 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. 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:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

**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.

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

**SECTION 7: HANDLING AND STORAGE**

Handling: Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

Storage: Store in a cool, dry place.  
 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   |
|--------------------|---------------|---|--|
| Crystalline silica | * (see below) | 0.025 mg/m <sup>3</sup> TWA (respirable fraction) | ((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)) |
| Titanium dioxide   | * (see below) | 10 mg/m <sup>3</sup> TWA                          | 15 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.

**ENGINEERING CONTROL METHODS:**

VENTILATION: General room ventilation might be required under normal conditions of use.

EYE PROTECTION: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

GLOVES: Nitrile

RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use. NIOSH approved air purifying respirator with dust/mist filter. 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:                           | Gray            |
| ODOR:                            | Mild Aromatic   |
| ODOR THRESHOLD:                  | Not established |
| pH:                              | Not established |
| FREEZING/MELTING POINT (deg. C): | Not established |
| BOILING POINT (deg. C):          | Not established |
| FLASH POINT:                     | Not applicable  |
| EVAPORATION RATE:                | Not established |

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|                                   |                              |
|-----------------------------------|------------------------------|
| 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.):         | 8.70                         |
| SPECIFIC GRAVITY:                 | 1.080                        |
| 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               | 0.00                         |

**SECTION 10: STABILITY AND REACTIVITY**

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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**

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**Component Toxicity / Toxicology Data:**

| COMPONENT NAME                    | LD50/LC50                  |
|-----------------------------------|----------------------------|
| Epoxy resin                       | Oral LD50 Rat 11,400 mg/kg |
| Epoxy resin                       | Oral LD50 Rat 17,100 mg/kg |
| Crystalline silica                | Oral LD50 Rat 500 mg/kg    |
| Polyethylene glycol, propoxylated | Oral LD50 Rat 5,700 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 :No irritation hazard in normal industrial use.

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

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: Skin Lungs

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Skin disease including eczema and sensitization, Lung disease

**SAFETY DATA SHEET****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):<br>Acute Toxicity (Daphnia):<br>Acute Toxicity (Algae): |

**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. 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**

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.  
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**

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# | % |
|---------------|------|---|
|---------------|------|---|

**SAFETY DATA SHEET****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  |
|-------------------------|---------------------------|------------|----------|
| Quartz                  | (Carcinogen)              | 14808-60-7 | 5 - 10   |
| Titanium dioxide        | (Carcinogen)              | 13463-67-7 | 0.1 - 1  |
| Phenyl glycidyl ether   | (Carcinogen)              | 122-60-1   | < 10 ppm |
| Epichlorohydrin         | (Carcinogen)              | 106-89-8   | < 10 ppm |
| Benzene                 | (Carcinogen)              | 71-43-2    | < 10 ppm |
| Methanol                | (Developmental toxin)     | 67-56-1    | < 10 ppm |
| Benzene                 | (Developmental toxin)     | 71-43-2    | < 10 ppm |
| (Phenoxymethyl) oxirane | (Male reproductive toxin) | 122-60-1   | < 10 ppm |
| Epichlorohydrin         | (Male reproductive toxin) | 106-89-8   | < 10 ppm |
| Benzene                 | (Male reproductive toxin) | 71-43-2    | < 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: 05-31-2016

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 -- 2 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.