

# COUNTERTOP EPOXY

GHS Safety Data Sheet

Date of Preparation:  
07/15/2019

## 1. Product and Company Identification

Product Name: FX Base Color - Gray

Product Class: Epoxy Colorant

Manufacturer: Countertop Epoxy USA  
2526 Patterson Rd #100  
Grand Junction, CO 81505, USA  
Phone Number: 1 (970) 639-9338  
Toll Free: 1 (800) 628-3063  
Fax: 1 (800) 628-3063

Emergency Phone Numbers: INFOTRAC (24 HRS): USA & CANADA 1 (800) 535-5053  
INFOTRAC (24 HRS): INTERNATIONAL +1 (352) 323-3500

## 2. Hazard Identification

### GHS HAZARD STATEMENTS

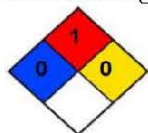
This product is not classified as hazardous according to the Globally Harmonized System (GHS). There are no other hazards not otherwise classified that have not been identified. 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

### GHS Label Elements

This product is not classified as hazardous according to OSHA GHS regulations within the United States.

**WHMIS symbols:** Not hazardous under WHMIS.

**NFPA ratings** (on a scale of 0 - 4)






Health = 0  
Fire = 1  
Reactivity = 0

**HMIS Ratings (on a scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

## 3. Composition/Information on Ingredients

| CAS Number  | Ingredient Name   | Wt % Range |
|-------------|---|------------|
| 13463-67-7  | Titanium Dioxide  | 40-60%     |
|             |  Carc. 2, H351   |            |
| 398475-96-2 | 1, 2-Ethanediamine, polymer with aziridine, N-[3-[(2-ethylhexyl)oxy]-3-oxopropyl] derivs., compounds with polyethylene-polypropylene glycol | <10%       |
|             |  Skin Irritation 2, H315; Eye Irritation 2A, H319          |            |
| 1333-86-4   | Carbon Black  | <10%       |
|             |  Carc. 2, H351   |            |

Additional Information: For the listed ingredient, the exact percentages and identity are being withheld as a proprietary information and intellectual property that is protected under the laws of the state of Colorado. Classification as a non-carcinogen is based on the non-reparability nature of the product.

#### 4. First Aid Measures

|                        |   |
|------------------------|---|
| General Information    | No special measures are required.   |
| Eye Contact            | Remove contact lenses if worn. Rinse eyes for several minutes under running water. If symptoms persist, see a doctor.   |
| Skin Contact           | Wash skin with soap and water. Get medical attention if irritation develops or persists.  |
| Inhalation             | Unlikely for particulates to be inhaled during normal usage. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance. |
| Ingestion              | Rinse mouth and drink plenty of water. Do not induce vomiting or give anything by mouth. Get immediate medical attention.   |
| Information for doctor | Intestinal or gastric disorders may be experienced when ingested. Slight irritation may be experienced to eyes.   |

#### 5. Fire-Fighting Measures

|                                    |  |
|------------------------------------|--|
| Extinguishing Media                | Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog / haze  |
| Unusual Fire and Explosion Hazards | No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed.  |
| Special Firefighting Procedures    | While water is unsuitable for an extinguishing agent, it may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Wear respiratory protective device and fully protective suit. |

**6. Accidental Release Measures**

|                                     |   |
|-------------------------------------|---|
| Personal Precautions and Procedures | Ensure adequate ventilation.<br>For large spills, wear protective clothing and use respiratory protection to protect from fumes, dust, and aerosol.   |
| Environmental Precautions           | Do not allow undiluted product or large quantities to flow into water sources above or below ground, including sewage systems.  |
| Containment                         | Contain spilled liquid with sand, diatomaceous earth, acid binders, universal binders, sawdust. Dispose unusable material according to section 13.<br>Dispose of according to federal, state and local regulations.<br>Clean the affected area carefully with warm water and cleansing agent. |

**7. Handling and Storage**

|          |  |
|----------|--|
| Handling | Avoid splashing or spraying product in enclosed areas.<br>Only use in well-ventilated areas.   |
| Storage  | Store in a dry, well ventilated place. Keep container tightly closed when not in use. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. |

**8. Exposure Controls/Personal Protection**

| <b>Components with limit values that require monitoring in the workplace</b> |   |
|--|---|
| <b>13463-67-7 Titanium Dioxide</b>   |   |
| PEL (USA)  | Long-term value: 15* mg/m <sup>3</sup><br>*total dust                                     |
| REL (USA)  | See Pocket Guide App. A   |
| TLV (USA)  | Long-term value: 10 mg/m <sup>3</sup><br>withdrawn from NIC                               |
| EL (Canada)  | Long-term value: 10* 3** mg/m <sup>3</sup><br>*total dust; **respirable fraction; IARC 2B |
| EV (Canada)  | Long-term value: 10 mg/m <sup>3</sup><br>Total dust                                       |
| LMPE (Mexico)  | Long-term value: 10 mg/m <sup>3</sup><br>A4   |
| <b>1333-86-4 Carbon Black</b>  |   |

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|               |   |
|---------------|---|
| PEL (USA)     | Long-term value: 3.5 mg/m <sup>3</sup>  |
| REL (USA)     | Long-term value: 3.5* mg/m <sup>3</sup><br>*0.1 in presence of PAHs; see Pocket Guide Apps. A+C |
| TLV (USA)     | Long-term value: 3* mg/m <sup>3</sup><br>*inhalable fraction                                    |
| EL (Canada)   | Long-term value: 3 mg/m <sup>3</sup><br>IARC 2B   |
| EV (Canada)   | Long-term value: 3.5 mg/m <sup>3</sup>  |
| LMPE (Mexico) | Long-term value: 3 mg/m <sup>3</sup><br>A3, *fracción inhalable                                 |

|                        |  |
|------------------------|--|
| Respiratory Protection | Not required under normal use. When aerosol or mist is formed, or when high concentrations are present, wear suitable respiratory protection.  |
| General Protection     | Follow normal precautionary measures for handling chemicals.<br>Keep away from food products, beverages, and livestock feed.<br>Avoid close or long term contact with skin.<br>Protective clothing may be required for spills.<br>Avoid contact with eyes. |
| Hand Protection        | Wear rubber gloves of a material which is impermeable and resistant to the product and prepared mixtures.  |
| Eye Protection         | Wear safety glasses.   |

**9. Physical and Chemical Properties**

|                                   |  |   |                  |
|-----------------------------------|--|---|------------------|
| Appearance:                       | Liquid                                 | Physical State:                         | Liquid           |
| Color:                            | light tan colored                      | Odor:                                   | Mild             |
| Odor Threshold:                   | N.D.                                   | pH                                      | 6                |
| Melting point/range               | N.D.                                   | Boiling point/range                     | > 199°C (>390°F) |
| Flash point                       | 204°C (399°F)                          | Flammability                            | N.A.             |
| Auto-ignition temperature         | N.D.                                   | Decomposition temperature               | N.D.             |
| Auto igniting                     | N.A.                                   | Danger of explosion                     | Not a hazard     |
| Oxidizing properties              | Non-oxidizing                          |   |                  |
| Vapor pressure @ 20°C (68°F)      | <0.0013 hPa (<0 mm Hg) (<0.001 mm Hg)  |   |                  |
| Density @ 20°C (68°F)             | 1.72 g/cm <sup>3</sup> (14.34 lbs/gal) | Relative Density:                       | N.D.             |
| Vapor density                     | N.D.                                   | Evaporation rate                        | N.D.             |
| Solubility in water               | Slight                                 | Partition coefficient (n-octanol water) | N.D.             |
| Viscosity - dynamic @ 25°C (77°F) | 2800 +/- 850 CPS                       |   |                  |
| Viscosity - kinematic             | N.D.                                   |   |                  |

No further relevant information available.

**10. Stability and Reactivity**

Reactivity

Chemical Stability

Thermal Decomposition /  
Conditions to be Avoided No decomposition if used and stored according to specifications.

Possible Hazardous  
Reactions Reacts with strong oxidizing agents. Toxic fumes may be released if heated above the decomposition point.

Conditions to Avoid No further relevant information available.

Incompatible Materials No further relevant information available.

Hazardous  
Decomposition Products Possible in traces

## **11. Toxicological Information**

Acute Toxicity LD/LC50 relevant values for classification: None.  
Primary irritant effect: No irritant effect on skin, slight irritant effect on eyes.

Sensitization No sensitizing effects known.

Additional Toxicological  
Information According to internally approved calculation methods for preparations, this product is not subject to classification. When used and handled according to specifications, there are no harmful effects according to experience and information provided.

NTP (National Toxicology  
Program) None of the ingredients are listed with NTP

OSHA-CA None of the ingredients are listed with OSHA-Ca.

Probably Routes of  
Exposure Ingestion.  
Inhalation.  
Eye contact.  
Skin contact.

Acute Effects (Toxicity, irritation and corrosivity) from product as supplied: None.

Repeated Dose Toxicity No further relevant information available.

CMR Effects (carcinogenicity, mutagenicity and toxic for reproduction) Germ cell mutagenicity based on available data, classification criteria not met.

Carcinogenicity Contains known or suspect carcinogens when inhaled. Product is not inhalable in normal form and is non-classifiable as a carcinogen. Based on available data, classification criteria not met.

Reproductive Toxicity           Based on available data, classification criteria not met.  
 STOT-Single Exposure           Based on available data, classification criteria not met.  
 STOT-Repeated Exposure       Based on available data, classification criteria not met.  
 Aspiration Hazard               Based on available data, classification criteria not met.

**12. Ecological Information**

Aquatic Toxicity                The product contains materials that are harmful to the environment.

|              |   |
|--------------|---|
| 398475-96-2  | 1, 2-Ethanediamine, polymer with aziridine, N-[3-[(2-ethylhexyl) oxy]-3-oxopropyl] dervs., compounds with polyethylene-polypropylene glycol |
| EC50<br>LC50 | <1.0 mg/kg (Pseudokirchneriella subcapitata)<br>8.0 mg/l (Oncorhynchus mykiss)  |

Persistence and Degradability       No further relevant information available.

Behavior in Environmental Systems

Bio Accumulative Potential       No further relevant information available.

Mobility in Soil                 No further relevant information available.

Additional Ecological Information

General Notes                   Do not allow undiluted or large quantities of product to reach ground water, water course or sewage system. Due to available data on eliminability/decomposition and bio accumulation potential, prolonged term damage of the environment cannot be excluded.

Other Adverse Effects         No further relevant information available.

**13. Disposal Considerations**

Recommended Waste Treatment Methods   Small quantities can be disposed with household waste. User is responsible for disposing of unused material, residues and containers in compliance with all relevant federal, state and local laws and regulations regarding treatment, storage and disposal of hazardous and non-hazardous waste.

Recommendation for Uncleaned Packaging   Disposal must be performed according to all applicable regulations.

**14: Transport Information**

|           | <u>ADR</u> | <u>IMDG</u> | <u>IATA</u> | <u>USDOT</u>  |
|-----------|------------|-------------|-------------|---------------|
| UN Number | UN3082     | UN3082      | UN3082      | Not Regulated |

UN Proper Shipping Name 3082 Environmentally hazardous substance, liquid, N.O.S. (Alkylammonium Salt)

Label Markings



Limited quantity for packages < 30kg (66 lbs) and inner packaging < 5L (1.3 gal)



9 (M6) Miscellaneous dangerous substances and articles (ADR, IMDG, IATA)



Environmentally hazardous (ADR, IATA)

|  |  |
|--|--|
| Packing Group III  | (ADR, IMDG, IATA)  |
| Marine Pollutant   | No   |
| Special Precautions for user   | Warning: Miscellaneous dangerous substances and articles   |
| Danger Code (Kemler)   | 90   |
| EMS Number   | F-A,S-F  |
| Transport in bulk according to Annex II of MARPOL 37/78 and the IBC Code | (Not Applicable)   |
| DOT Remarks  | Transport labeling not required for non-bulk single package shipments by motor vehicle, rail or aircraft. Bulk packaging consists of a max. capacity of < 450L (119 gal) for liquid and max. net mass > 400kg (882 lbs) for solid. |
| ADR Excepted Qtys (EQ)   | Code: E1<br>Max. net quantity inner packaging 30 ml<br>Max net quantity outer packaging 1000 ml  |
| UN "Model Regulation"  | UN3082, Environmentally hazardous substances, liquid N.O.S., 9, III  |
| Hazard Class:  | N.A. 3 3   |
| Limited Quantity:  | No Yes, >5L No Yes, >5L No   |

**15. Regulatory Information**

|   |  |
|---|--|
| Safety, Health, Environmental Regulations/Legislation for Substance/Mixture | USA, SARA  |
| Section 355 (Extremely Hazardous Substances)                                | None of the ingredients are listed.  |
| Section 313 (Specific Toxic Chemical Listings)                              | None of the ingredients are listed.  |
| TSCA (Toxic Substances Control Act)   | All ingredients are listed.  |
| Proposition 65 (California) chemicals known to cause cancer                 | Reference to Carbon Black and Titanium Dioxide based on unbound respirable particles, generally not applicable to product as supplied. |

|            |                  |
|------------|------------------|
| 13463-67-7 | Titanium Dioxide |
| 1333-86-4  | Carbon Black     |

Chemicals known to cause reproductive toxicity for females      None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males      None of the ingredients are listed.

Chemicals known to cause developmental toxicity      None of the ingredients are listed.

EPA (Environmental Protection Agency)      None of the ingredients are listed.

|  |  |  |
|--|--|--|
| IARC (International Agency for Research on Cancer) |  |  |
|--|--|--|

|            |                  |    |
|------------|------------------|----|
| 13463-67-7 | Titanium Dioxide | 2B |
|------------|------------------|----|

|           |              |    |
|-----------|--------------|----|
| 1333-86-4 | Carbon Black | 2B |
|-----------|--------------|----|

|  |  |  |
|--|--|--|
| TLV (Threshold Limit Value Established by ACGIH) |  |  |
|--|--|--|

|            |                  |    |
|------------|------------------|----|
| 13463-67-7 | Titanium Dioxide | A4 |
|------------|------------------|----|

|           |              |    |
|-----------|--------------|----|
| 1333-86-4 | Carbon Black | A4 |
|-----------|--------------|----|

|  |  |  |
|--|--|--|
| NIOSH-Ca (National Institute for Occupational Safety and Health) |  |  |
|--|--|--|

|            |                  |  |
|------------|------------------|--|
| 13463-67-7 | Titanium Dioxide |  |
|------------|------------------|--|

|           |              |  |
|-----------|--------------|--|
| 1333-86-4 | Carbon Black |  |
|-----------|--------------|--|

State Right to Know Listings      None of the ingredients are listed.

Canadian Domestic Substances List (DSL)      All of the ingredients are listed.

Canadian Ingredient Disclosure List (limit 0.1%)      None of the ingredients are listed.

Canadian Ingredient Disclosure List (limit 1%)      None of the ingredients are listed.

Other Regulations, Limitations and Prohibitive Regulations      This product is classified in accordance to hazard criteria of the Controlled Products Regulations. The SDS contains all information required by Controlled Products Regulations.

Australian NOHSC      Non-Hazardous Substance (Classified according to Work Safe Australia NOHSC 2011 National Code of Practice)

Australia ADG      Dangerous Goods (Classified according to National Transport Commission Australian Dangerous Goods Code)

New Zealand HSNO      Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)  
 Hazard Pictogram: GHS09  
 Signal Word: WARNING



|   |   |
|---|---|
| New Zealand HSNO Hazard Statements        | HSNO 9.1D Aquatic Acute 2 H401 Toxic to aquatic life.<br>HSNO 9.1B Aquatic Chronic H411 Toxic to aquatic life with long lasting effects.<br>HSNO 9.2B H422 Toxic to the soil environment.<br>HSNO 9.3C H433 Harmful to terrestrial vertebrates. |
| New Zealand HSNO Precautionary Statements | P273 Avoid release to the environment.<br>P391 Collect spillage.<br>P501 Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| Chemical Safety Assessment                | A Chemical Safety Assessment has not been carried out.  |

## 16. Other Information

### Abbreviations, Acronyms and Other Terms

ADR: Accord Européen sur le transport des marchandises en danger us es par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DOT: US Department of Transportation  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELNCS: European List of Notified Chemical Substances  
HMIS: Hazardous Materials Identification System (USA)  
IATA: International Air Transport Association.  
IMDG: International Maritime Code for Dangerous Goods  
LC50: Lethal concentration, 50 per cent  
LD50: Lethal Dose, 50 per cent  
NFPA: National Fire Protection Association (USA)  
WHMIS: Workplace Hazardous Materials Information System (Canada)  
Carc. 2: Carcinogenicity, Hazard Category 2  
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

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