

COUNTERTOP EPOXY

GHS Safety Data Sheet

Date of Preparation:
07/15/2019

1. Product and Company Identification

Product Name: FX Base Color - Blue

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

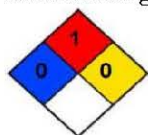
This product is not classified as hazardous according to the Globally Harmonized System (GHS). There are no other hazards not otherwise classified that have not been identified. 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

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	5-25%
	 Carc. 2, H351	
398475-96-2	1, 2-Ethanediamine, polymer with aziridine, N-[3-[(2-ethylhexyl)oxy]-3-oxopropyl] dervs., compounds with polyethylene-polypropylene glycol	<10%
	 Skin Irritation 2, H315; Eye Irritation 2A, H319	

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. 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. Dispose of according to federal, state and local regulations. Clean the affected area carefully with warm water and cleansing agent.

7. Handling and Storage

Handling	Avoid splashing or spraying product in enclosed areas. 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

Components with limit values that require monitoring in the workplace

13463-67-7 Titanium Dioxide

PEL (USA)	Long-term value: 15* mg/m ³ *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m ³ withdrawn from NIC
EL (Canada)	Long-term value: 10* 3** mg/m ³ *total dust; **respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m ³ Total dust
LMPE (Mexico)	Long-term value: 10 mg/m ³ A4

1333-86-4 Carbon Black

PEL (USA)	Long-term value: 3.5 mg/m ³
REL (USA)	Long-term value: 3.5* mg/m ³

TLV (USA)	*0.1 in presence of PAHs; see Pocket Guide Apps. A+C Long-term value: 3* mg/m ³ *inhalable fraction
EL (Canada)	Long-term value: 3 mg/m ³ IARC 2B
EV (Canada)	Long-term value: 3.5 mg/m ³
LMPE (Mexico)	Long-term value: 3 mg/m ³ 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. Keep away from food products, beverages, and livestock feed. Avoid close or long term contact with skin. Protective clothing may be required for spills. 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)	1.11 g/cm ³ (9.26 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)	5800 +/- 1750 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	(carcinogenity, 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 LC50	<1.0 mg/kg (Pseudokirchneriella subcapitata) 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

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Countertop Epoxy - FX Base Color - Blue

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	<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 Max. net quantity inner packaging 30 ml 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
1309-37-1	Diiron Trioxide/Iron (III) Oxide	3
TLV (Threshold Limit Value Established by ACGIH)		
13463-67-7	Titanium Dioxide	A4
1333-86-4	Carbon Black	A4
1309-37-1	Diiron Trioxide/Iron (III) Oxide	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%)	1309-37-1 Diiron Trioxide/Iron (III) Oxide	
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. HSNO 9.1B Aquatic Chronic H411 Toxic to aquatic life with long lasting effects. HSNO 9.2B H422 Toxic to the soil environment. HSNO 9.3C H433 Harmful to terrestrial vertebrates.
New Zealand HSNO Precautionary Statements	P273 Avoid release to the environment. P391 Collect spillage. 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 dangereuses 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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