

COUNTERTOP EPOXY

Date of Preparation:

GHS Safety Data Sheet

09/25/17

1. Product and Company Identification

Product Name: FX Prime Coat Color - Almond
Product Class: Alkyd Base Coat and Epoxy Colorant
Manufacturer: Countertop Epoxy
2530 East Foresight Circle
Grand Junction, CO 81505
Telephone: 970-639-9338
Emergency: 800-424-9300 (ChemTrec)

2. Hazard Identification

GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapor
Organic Peroxide, categories C, D	H242	Heating may cause a fire.
Acute Toxicity, Oral, category 5	H303	May be harmful if swallowed.
Aspiration Hazard, category 2	H305	May be harmful if swallowed and enters airways.
Acute Toxicity, Dermal, category 5	H313	May be harmful in contact with skin.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Eye Irritation, category 2B	H320	Causes eye irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.



Hazard pictograms:

EMERGENCY OVERVIEW: Harmful if swallowed. Causes eye irritation. Vapors irritating to eyes and respiratory tract. Combustible liquid and vapor. Harmful if inhaled. May affect brain or nervous system causing dizziness, headache or nausea. May cause eye, skin or respiratory tract irritation. KEEP OUT OF REACH OF CHILDREN. Harmful if inhaled. Flammable liquid and vapor. Use ventilation necessary to keep exposures below recommended exposure limits, if any. Vapor Harmful. Causes Eye, Skin, Nose and Throat Irritation.

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PRECAUTIONARY STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P220	Keep/Store away from clothing and combustible materials.
P234	Keep only in original container.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breath dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release into the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P285	In case of inadequate ventilation wear respiratory protection.
P302+p350	IF ON SKIN, gently wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair) remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see _____ on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P351	Rinse cautiously with water for several minutes.
P352	Wash with plenty of soap and water.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use _____ for extinction.
P374	Fight fire with normal precautions from a reasonable distance.
P402	Store in a dry place.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P410	Protect from sunlight.
P411+P235	Store at temperatures not exceeding ____°C/____°F. Keep cool.
P420	Store away from other materials.
P501	Dispose of contents/container to ...

3. Composition/Information on Ingredients

Ingredient Name	CAS Number	GHS Symbols	GHS Stmt	Wt % Range
Stoddard Solvent	8052-41-3	GHS02	H224	25-50
Titanium Dioxide	13463-67-7			10-25
Mineral Spirits	64742-88-7	GHS06	H331	10-25
Ethylbenzene	100-41-4	GHS02-GHS07	H2225-332	0.1-1.0

4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.
Skin Contact	Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.
Ingestion	Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-Fighting Measures

Extinguishing Media	Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog
Unusual Fire and Explosion Hazards	Keep containers tightly closed. No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Isolate from heat, electrical equipment, sparks and open flame.
Special Firefighting Procedures	Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

Steps to be Taken if Material is Released or Spilled	Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.
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7. Handling and Storage

Handling	Wash thoroughly after handling. Wash hands before eating. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes. Remove contaminated clothing and launder before reuse. Use only with
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adequate ventilation. Avoid contact with eyes, skin and clothing.

Storage Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Avoid excess heat. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids.

8. Exposure Controls/Personal Protection

Respiratory Protection A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

Eye Protection Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

Hygienic Practices Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Mild	Odor Threshold:	N.E.
Relative Density:	1.033	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/ water:	No Information
Decomposition Temp., °C:	No Information		

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Boiling Range, °C:	212-400	Explosive Limits, vol%:	0.7-8.9
Flammability:	Does not support combustion	Flash Point, °C:	>93
Evaporation Rate:	Slower than Ether	Auto-ignition Temp., °C:	No Information
Vapor Density:	Heavier than Air	Vapor Pressure:	N.D.

10. Stability and Reactivity

Conditions to Avoid	Avoid all possible sources of ignition. Avoid temperatures above 120 ° F. Avoid contact with strong acid and strong bases.
Incompatibility	Incompatible with strong oxidizing agents, strong acids and strong alkalis.
Hazardous Decomposition	By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.
Hazardous Polymerization	Will not occur under normal conditions.
Stability	This product is stable under normal storage conditions.

11. Toxicological Information

Effects of Overexposure (Eye Contact)	Causes serious eye irritation
Effects of Overexposure (Skin Contact)	May cause skin irritation and/or allergic reactions.
Effects of Overexposure (Inhalation)	Harmful if inhaled. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Prolonged or excessive inhalation may cause respiratory tract irritation.
Effects of Overexposure (Ingestion)	Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.
Effects of Overexposure (Chronic Hazards)	IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains Titanium Dioxide, which is listed as Group 2B, "possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula (Ref: IARC Monograph, Vol. 93, 2010). High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage.
Primary Routes of Entry	Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

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ACUTE TOXICITY VALUES – The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	N.I.	N.I.
64742-88-7	Mineral Spirits	>5000 mg/kg Rat	3000 mg/kg Rabbit	>5.28 mg/L Rat
100-41-4	Ethylbenzene	3500 mg/kg Rat	15354 mg/kg Rabbit	17.2 mg/L Rat

12. Ecological Information

Ecological Information: Product components are listed in Section 3.

13. Disposal Considerations

Disposal Information: Dispose in accordance with federal, state and local regulations.

14: Transport Information

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

	<u>USDOT</u>	<u>IMDG</u>	<u>IATA</u>
UN Number:	N.A.	1263	1263
Proper Shipping Name:	Not Regulated	Paint	Paint
Hazard Class:	N.A.	3	3
Limited Quantity:	No	Yes, >5L No	Yes, >5L No

15. Regulatory Information

U.S. Federal Regulations SARA Sections 311 and 312: Fire Hazard, Acute Health Hazard, Chronic Health Hazard
SARA Section 313: This product contains the following substance subject to SARA Section 313 Title III: Ethylbenzene (CAS No. 100-41-4)

United States TSCA Inventory All components of this product are in compliance with the inventory listing requirements of the TSCA Chemical Substance Inventory.

State Regulations California Proposition 65
This product contains substances known to cause cancer:
Titanium Dioxide (CAS No. 13463-67-7)
Ethylbenzene (CAS No. 100-41-4)
This product contains a substance known to cause birth defects or other reproductive harm

16. Other Information

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Hazardous Material	Health: 2
Information System III	Flammability: 3
(U.S.A.)	Physical Hazard: 0
	Personal Protection: X

HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

The information provided herein was believed by Countertop Epoxy to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Countertop Epoxy are subject to Countertop Epoxy's terms and conditions of sale. Countertop epoxy makes no warranty, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.