

DIAMOND COAT

GHS Safety Data Sheet

Date of Preparation:
01/25/2018

1. Product and Company Identification

Product Name: Diamond Prime Coat Color - Sandstone

Product Class: Alkyd Base Coat and Epoxy Colorant

Manufacturer: Diamond Coat Epoxy USA
2530 Foresight Cir E
Grand Junction, CO 81505, USA
Phone: 1 (970) 628-1846
Toll Free: 1 (888) 628-0846
Fax: 1 (888) 628-0846

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

Flammable Liquid, category 3	H226	Flammable liquid and vapor.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.

Label Elements



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.

PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	No smoking in proximity. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.

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P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust, fumes, gases, mists, vapors or spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P308+P313	If exposed or concerned, get medical advice/attention.
P363	Wash contaminated clothing before reuse.

3. Composition/Information on Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>GHS Symbols</u>	<u>GHS Stmts</u>	<u>Wt %</u>
Hydrotreated Light Distillate	64742-47-8	GHS08	H304	25-50
Iron Oxide	1309-37-1	GHS08	H304	25-50
Hydrous Magnesium Silicate	14807-96-6			2.5-10
Zinc Phosphate	7779-90-0			1.0-2.5
Wollastonite	13983-17-0			1.0-2.5
Cyristalline Silica/Quartz	14808-60-7			0.1-1.0
Solvent Naptha, Light Aromatic	64742-95-6	GHS07-GHS08	H304-332-340-350	0.1-1.0
Methyl Ethyl Ketoxime	96-29-7	GHS05-GHS06	H302-312-317-318-331	0.1-1.0
Stoddard Solvent	8052-41-3	GHS08	H304-372	10-25

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	Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.

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.
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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. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.
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7. Handling and Storage

Handling	Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and laundry before reuse. Use only with adequate ventilation. 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, skin and clothing.
Storage	Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use. Avoid excess heat.

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.
Skin Protection	Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.
Eye Protection	Use safety eyewear designed to protect against splash of liquids.
Other Protective Equipment	Refer to safety supervisor or industrial hygienist for further guidance regarding personal protective equipment and their application.
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:	Solvent Like	Odor Threshold:	N.E.
Relative Density:	1.319	pH:	N.D.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	None	Partition Coefficient, n-octanol/water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	1.0-7.0
Boiling Range, °C:	100-537	Flash Point, °C:	40
Flammability:	Supports Combustion	Auto-ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

10. Stability and Reactivity

Conditions to Avoid	Avoid temperatures above 120 ⁰ (49 ⁰ C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.
Incompatibility	Incompatible with strong oxidizing agents, strong acids and strong alkalis.
Hazardous Decomposition	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 moderate eye irritation
Effects of Overexposure (Skin Contact)	May cause skin irritation.
Effects of Overexposure (Inhalation)	High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Harmful if inhaled. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.
Effects of Overexposure (Ingestion)	Harmful if swallowed. Irritating to the nose, throat and respiratory tract. Aspiration hazard if swallowed; can enter lungs and cause damage.
Effects of Overexposure (Chronic Hazards)	Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains Calcium Silicate (Wollastonite), which is an IARC 3 Agent "unclassifiable as to carcinogenicity to humans" via inhalation. Inhalation exposure to Calcium Silicate is not anticipated through brush application nor normal use. Calcium Silicate is NOT classified as a carcinogen by NIOSH,

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ACGIH, NTP nor OSHA.

Primary Routes of Entry Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

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>
64742-47-8	Hydrotreated Light Distillate	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>5000 mg/L Rat
1309-37-1	Iron Oxide	>10000 mg/kg Rat	N.I.	N.I.
14807-96-6	Hydrous Magnesium Silicate	6000	N.I.	30
7779-90-0	Zinc Phosphate	>5000 mg/kg Rat	N.I.	N.I.
14808-60-7	Crystalline Silica/Quartz	5500 mg/kg Rat	5500	100 mg/L
96-29-7	Methyl Ethyl Ketoxime	930 mg/kg Rat	1100 mg/kg Rabbit	>4.8 mg/L Rat
64742-95-6	Solvent Naptha, Light Aromatic	8400 mg/kg Rat	>2000 mg/kg Rabbit	N.I.

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 SARA 313 component:

Zinc Phosphate (CAS No. 7779-90-0)

United States TSCA This product contains the following TSCA 12(b) components:

Inventory

Phthalic Anhydride (CAS No. 85-44-9)

16. Other Information

Hazardous Material	Health: 2
Information System III	Flammability: 2
(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.