

DIAMOND COAT

GHS Safety Data Sheet

Date of Preparation:
01/25/2018

1. Product and Company Identification

Product Name: Diamond Prime Coat Color - Copper

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
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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 2	H225	Highly flammable liquid and vapor.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.
STOT, repeated exposure, category 1	H372	Causes damage to organs.

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.

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P233	Keep container tightly closed.
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, fumes, gases, mists, vapors, or spray.
P270	Do not eat, drink or smoke when using this product.
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.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313	If skin irritation or rash occurs, get medical attention.
P363	Wash contaminated clothing before reuse.

3. Composition/Information on Ingredients

Ingredient Name	CAS Number	GHS Symbols	GHS Stmts	Wt %
Naptha, Petroleum, Hydrotreated Light	64742-49-0	GHS08	H304	10-25
Solvent Naptha, Light Aromatic	64742-95-6	GHS07-GHS08	H304-332-340-350	2.5-10
1,2,4-Trimethylbenzene	95-63-6	GHS02-GHS07-GHS08	H226-304-315-319-332-335	2.5-10
Xylene (Mixed isomers)	1330-20-7	GHS02-GHS07	H226-315-319-332	2.5-10
Stoddard Solvent	8052-41-3	GHS08	H304-372	1.0-2.5
1-Methoxy-2-propyl-acetate	108-65-6	GHS02	H226	1.0-2.5
Aluminum Flake	7429-90-5	GHS02	H228-261	1.0-2.5
1,3,5-Trimethylbenzene	108-67-8	GHS02-GHS07	H226-335	1.0-2.5
Ethylene Glycol Monobutyl Ether	111-76-2	GHS06	H302-310-315-319-330	1.0-2.5
Iron Oxide	1309-37-1			1.0-2.5
Ethylbenzene	100-41-4	GHS02-GHS07-GHS08	H225-304-332-373	0.1-1.0
Methyl Ethyl Ketoxime	96-29-7	GHS05-GHS06	H302-312-317-318-331	0.1-1.0
Benzyl Alcohol	100-51-6	GHS06	H302-312-331	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	Closed containers may explode when exposed to extreme heat due to buildup of steam. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. 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.

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. Eliminate all ignition sources; use explosion-proof equipment. Place material in a container and dispose of according to federal, state and local 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. Remove contaminated clothing and launder 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. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

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.
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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 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:	0.939	pH:	N.E.
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%:	0.9-10.6
Boiling Range, °C:	125-204	Flash Point, °C:	21
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°F (49°C). Avoid all possible sources of ignition. Avoid contact with strong acid and strong bases. Flammable hydrogen gas will evolve when product comes in contact with water or damp air. Heat will be generated. The amount of heat generated will depend upon the volume of material in contact.
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 serious eye irritation
Effects of Overexposure (Skin Contact)	Causes skin irritation. Allergic reactions are possible.
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)	High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B).
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:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
64742-49-0	Naptha, Petroleum, Hydrotreated Light	>5000 mg/kg Rat	>3160 mg/kg Rabbit	>4951 mg/L Rat
64742-95-6	Solvent Naptha, Light Aromatic	8400 mg/kg Rat	>2000 mg/kg Rabbit	N.I.
95-63-6	1,2,4-Trimethylbenzene	3280 mg/kg Rat	>3160 mg/kg Rabbit	18 mg/L Rat
1330-20-7	Xylene (Mixed isomers)	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat
108-65-6	1-Methoxy-2-propyl-acetate	8532 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
108-67-8	1,3,5-Trimethylbenzene	N.I.	N.I.	24 mg/L Rat
111-76-2	Ethylene Glycol Monobutyl Ether	470 mg/kg Rat	99 mg/kg Rabbit	2.2 mg/L Rat
1309-37-1	Iron Oxide	>10000 mg/kg Rat	N.I.	N.I.
100-41-4	Ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.2 mg/L Rat
96-29-7	Methyl Ethyl Ketoxime	930 mg/kg Rat	1100 mg/kg Rabbit	>4.8 mg/L Rat
100-51-6	Benzyl Alcohol	1230 mg/kg Rat	2000 mg/kg Rabbit	8.8 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. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

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 components:

- 1,2,4-Trimethylbenzene (CAS No. 95-63-6)
- Xylene (mixed isomers) (CAS No. 1330-20-7)
- Aluminum Flake (CAS No. 7429-90-5)
- Ethylene Glycol Monobutyl Ether (CAS No. 111-76-2)
- Ethylbenzene (CAS No. 100-41-4)

This product contains the following TSCA 12(b) component:

United States TSCA Inventory n-Nonane (CAS No. 111-84-2)

16. Other Information

Hazardous Material Information System III (U.S.A.) Health: 2
Flammability: 4
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.

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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.