

DIAMOND COAT

GHS Safety Data Sheet

Date of Preparation:
01/25/2018

1. Product and Company Identification

Product Name: Diamond Prime Coat Color - Gray

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. |
| 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.

P240 Ground/bond container and receiving equipment.

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| 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. |
| P314 | Get medical advice/attention 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 % |
|--------------------------------|-------------------|--------------------|----------------------|-------------|
| Hydrotreated Light Distillate | 64742-47-8 | GHS08 | H304 | 25-50 |
| Stoddard Solvent | 8052-41-3 | GHS08 | H304-372 | 10-25 |
| Titanium Dioxide | 13463-67-7 | | | 2.5-10 |
| Organoclay | 68911-87-5 | | | 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 |
| Solvent Naptha, Light Aromatic | 64742-95-6 | GHS07-GHS08 | H304-332-340-350 | 0.1-1.0 |
| Carbon Black | 133-86-4 | | | 1.0-2.5 |

4. First Aid Measures

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| 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

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| 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.

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| 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

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| 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

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| 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

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| 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

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| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | N.E. |
| Relative Density: | 0.937 | 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: | 100-213 | 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

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| Conditions to Avoid | Avoid temperatures above 120 ⁰ (49 ⁰ C). Avoid contact with strong acid and strong bases. |
| 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

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| 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 carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of |

time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B- "Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated 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 carbon black in the formula. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a 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)

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 |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | 2500 mg/kg | N.I. |
| 100-41-4 | Ethylbenzene | 3500 mg/g 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 |
| 64742-95-6 | Solvent Naptha, Light Aromatic | 8400 mg/kg Rat | >2000 mg/kg Rabbit | N.I. |
| 1333-86-4 | Carbon Black | >15400 mg/kg Rat | N.I. | 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.

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| | <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 | Yes |

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:

Ethylbenzene (CAS No. 100-41-4)

United States TSCA Inventory This product contains no TSCA 12(b) components.

16. Other Information

Hazardous Material Information System III (U.S.A.) Health: 2
Flammability: 3
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.