

# DIAMOND COAT

## Safety Data Sheet

### Diamond Coat Metallic Powder Pigment

Revision date: 01/30/2017

#### 1. Identification

Product identifier used on the label

#### **Diamond Coat POWDERED PIGMENT**

**Recommended use of the chemical and restriction on use: Coloring Agent**

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**MANUFACTURER/SUPPLIER:**

**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. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

**Classification of the product:**

Not classified as dangerous according the European Union Legislation

Pictogram: N/A

Signal Word: N/A

Hazard Statement:

N/A

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Precautionary Statements (Prevention):  
P260 Do not breathe dust.

Hazards not otherwise classified - None

### 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

| Chemical name    | CAS Number | Content (W/W) |
|------------------|------------|---------------|
| Mica             | 12001-26-2 |               |
| Iron Oxide       | 1309-37-1  |               |
| Titanium Dioxide | 13463-67-7 |               |

### 4. First-Aid Measures

#### Description of first aid measures

**In case of skin contact:** Wash off with soap and plenty of water.

**In case of eyes contact:** Immediately flush with plenty of water about 15 minutes. If discomfort persists, get medical aid.

**In case of Ingestion:** If victim is induce vomiting, give 2-4 cupfuls of water, get medical aid.

**In case of Inhalation:** Move person to fresh air. Consult doctor in the event of any complaints.

**Most important symptoms and effects, both acute and delayed:** We have no description of any toxic symptoms.

**Indication of any immediate medical attention and special treatment needed:** No data available.

### 5. FIREFIGHTING MEASURES

Extinguishing media

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Use extinguishing measures that are in accordance with the local regulations. For this substance/mixture no limitations of extinguishing agents are given.

#### **Special hazards arising from the substance or mixture**

Not combustible. Ambient fire may liberate hazardous vapours.

#### **Advice for firefighters**

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### **Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

#### **Impact Sensitivity:**

Remarks: No data available.

## 6. Accidental release measures

#### **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Use personal protective clothing. Ensure adequate ventilation.

#### **Environmental precautions**

Don't let product enter drains.

#### **Methods and material for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills.

Observe possible material restrictions

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## 7. Handling and Storage

#### **Precautions for safe handling**

Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed.

#### **Conditions for safe storage, including any incompatibilities**

Store in a cool and dry, keep packages closed, location away from other material.

## 8. Exposure Controls/Personal Protection

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#### **Personal protective equipment**

**Eye/face protection:** Safety glasses.

#### **Skin protection:**

Hand protection: Not required.

Body protection: Protective work clothing.

Other protection: Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled.

**Hygiene measures:** Change contaminated clothing. Wash hands after working with substance.

#### **Respiratory protection:**

Required when dusts are generated.

Recommended Filter type: Filter P 1 (acc. to DIN 3181) for solid particles of inert substances. The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

**Thermal Hazards:** No information available.

## 9. Physical and Chemical Properties

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>Appearance:</b>                | Powder.                             |
| <b>Color:</b>                     | According to product specification. |
| <b>Odor:</b>                      | Odorless.                           |
| <b>Odor threshold:</b>            | No information available.           |
| <b>pH:</b>                        | 5 ~ 9 (10% aqueous slurry).         |
| <b>Melting point:</b>             | No information available.           |
| <b>Boiling point:</b>             | No information available.           |
| <b>Solid/gas flammability:</b>    | No information available.           |
| <b>Lower explosive limit:</b>     | No information available.           |
| <b>Upper explosive limit:</b>     | No information available.           |
| <b>Vapour density:</b>            | No information available.           |
| <b>Flash point:</b>               | Not applicable.                     |
| <b>Evaporation rate:</b>          | No information available.           |
| <b>Vapour pressure:</b>           | No information available.           |
| <b>Relative density:</b>          | 2.6 ~ 3.2 g/cm <sup>3</sup> .       |
| <b>Solubility in water:</b>       | Insoluble.                          |
| <b>Lipid solubility:</b>          | Insoluble.                          |
| Partition coefficient             |                                     |
| <b>(n-octanol/water):</b>         | No information available.           |
| <b>Auto-ignition temperature:</b> | No information available.           |
| <b>Decomposition temperature:</b> | No information available.           |

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|                              |                           |
|------------------------------|---------------------------|
| <b>Viscosity:</b>            | No information available. |
| <b>Explosive properties:</b> | No information available. |
| <b>Oxidizing properties:</b> | 9.2                       |
| <b>Other information:</b>    | No information available. |
| <b>Bulk density:</b>         | 21 ~ 27 g/100ml.          |
| <b>Particle size:</b>        | 10 ~ 60 µm..              |

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

The product is chemically stable.

### Conditions to avoid

No conditions known that should be avoided.

### Incompatible materials

No information available

### Hazardous decomposition products

No information available

## 11. Toxicological information

### Information on toxicological effects

#### Aspiration hazard

Based on available data the classification criteria are not met.

#### Specific target organ toxicity – single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

#### Specific target organ toxicity – repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Other information

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Quantitative data on the toxicity of this product are not available. Hazardous properties cannot be excluded, but are relatively improbable due to the compound's poor water solubility. Our own experience has provided no indication of any hazardous potential. Inhalation of dusts should be avoided as even inert dusts may impair respiratory organ functions.

#### 12. Ecological Information

**Toxicity** - No information available

**Persistence and degradability**

No information available.

**Bio accumulative potential**

No information available.

**Mobility in soil**

No information available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Other adverse effects**

Discharge into the environment must be avoided

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#### 13. Disposal Considerations

Dispose of in a licensed facility. Do not discharge into waterways or sewer systems without proper authorization. Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This material may satisfy the criteria of a synthetic oil per 40 CFR 279.

**Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

#### 14. Transport Information

**Land transport**

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|                                   |               |
|-----------------------------------|---------------|
| USDOT                             | Non-regulated |
| <b>Sea transport</b><br>IMDG      | Non-regulated |
| <b>Air transport</b><br>IATA/ICAO | Non-regulated |

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## 15. Regulatory Information

### EU Regulations

Major Accident Hazard Legislation: Directive 96/82/EC does not apply.

### National legislation

Storage class: 10 – 13

## 16. Other Information

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of Diamond Coat Product Safety Program. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information obtained herein. Data sheets are available for all Diamond Coat products. You are urged to obtain data sheets for all Diamond Coat products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained therein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. Diamond Coat does not undertake to furnish advice on such matters.