

Safety Data Sheet

BDC METALLIC PIGMENT

Revision date: 11/05/2015

1. Identification

Product identifier used on the label

BDC METALLIC 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.

Details of the supplier of the safety data sheet

Company:
B.D. Classic Enterprises
P.O. 2445
Santa Fe Springs, CA 90670

562-944-6177

Emergency telephone number

CHEMTREC: 1-800-424-9300

Other means of identification

Chemical family: Mica, Iron Oxide
Synonyms: Mica, Iron Oxide

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

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

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Chemical name	CAS Number	Content (W/W)
Mica	12001-26-2	30 – 60 %
Diiron Oxide	1309-37-1	25 – 75 %
Proprietary		< 20 %

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

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

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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

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

Appearance:	Powder.
Color:	Pearlescent powder
Odor:	Odorless.
Odor threshold:	No information available.

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pH:	5 ~ 9 (10% aqueous slurry).
Melting point:	No information available.
Boiling point:	No information available.
Solid/gas flammability:	No information available.
Lower explosive limit:	No information available.
Upper explosive limit:	No information available.
Vapour density:	No information available.
Flash point:	Not applicable.
Evaporation rate:	No information available.
Vapour pressure:	No information available.
Relative density:	2.6 ~ 3.2 g/cm ³ .
Solubility in water:	Insoluble.
Lipid solubility:	Insoluble.
Partition coefficient	
(n-octanol/water):	No information available.
Auto-ignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	No information available.
Explosive properties:	No information available.
Oxidizing properties:	9.2
Other information:	No information available.
Bulk density:	21 ~ 27 g/100ml.
Particle size:	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

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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

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

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
Sea transport IMDG	Non-regulated
Air transport IATA/ICAO	Non-regulated

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

SDS Prepared by:

B.D. Classic Enterprises

SDS Prepared on: 2015/10/21

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