



Bead Brite Research

4811 Lyons Tech Pkwy

Coconut Creek, FL 33073

Tel: (954) 426-2360

Fax: (954) 426-0296

Material Safety Data Sheet

1. Product and Manufacturer Identification

Product Name: E-8846 Black Iron Oxide Powder
Chemical Family: Iron Oxide
Chemical Name: Pigment Black 11
Formula: Propriety

Office address: 4811 Lyons Tech Pkwy
Suite 4
Coconut Creek, FL 33073
USA

Telephone (954) 426-2360
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2. Ingredients

<u>Component</u>	<u>Cas #</u>	<u>Percent</u>	<u>ACGIH (STEL)</u>	<u>OSHA (STEL)</u>
Pigment Black	12227-89-3	100%	N/A	5(resp) 15(total) mg/m ³

Components not listed are trade secrets in accordance with OSHA 29 CFR 1910.1200

3. Hazardous Identification

Emergency Overview:

Polymer bound dispersions generally preclude the possibility of airborne dust of the active ingredient. They also eliminate the problems generally associated with powdered chemicals.

4. Effects from Exposure

Ingestion: Polymer bound dispersions greatly reduce the problems generally associated with the powdered chemical.

Skin Contact: Polymer bound product greatly reduces the likelihood of skin irritation from the active ingredient.

Inhalation: Polymer bound dispersion preclude the possibility of airborne dust. Polymer bound dispersions greatly reduce the problems generally associated with powdered chemical.

Eye Contact: Polymer bound form minimizes exposure.

Medical conditions Aggravated: None known

Chronic Effects / Carcinogenicity: This product is not considered a carcinogen by IARC, NTP, or OSHA

Products / Ingredients: No information at this time

Principle Routes of Exposure: Polymer bound form minimizes risk of exposure by all routes of entry

Other: No information at this time



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5. First Aide Measures

Ingestion: Treat Symptomatically

Skin: Wash with soap and water

Inhalation: Treat Symptomatically

Eyes: Treat Symptomatically

6. Fire Fighting Measures

Flammable Limits in Air (%): Not applicable

Sensitivity to Mechanical Impact (Y/N): No

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected

Extinguishing Media: Water, Foam, H2O

Special Fire Fighting Procedures: Fire Fighter should wear self contained breathing apparatus

7. Accidental Release Measures

Actions to be taken if material is released or Spilled: Place contaminated material in appropriately marked containers for disposal. Collect and return clean material to container for use.

8. Handling and Storage

Precautions to be taken in Handling and Storage: Store in a cool and dry location

9. Exposure Controls / Personal Protection

Engineering Controls: Exhaust Ventilation

Respiratory Protection Equipment: Local exhaust is desirable

Protective Gloves: Recommended

Eye and Face Protection: safety Glass

Other Protective Equipment: None required

Ventilation: Local exhaust must always be provided to draw dust, fumes and vapors away from workers to prevent routine inhalation



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10. Physical and Chemical Properties

Boiling Point: N/A Vapor Pressure: N/A Vapor Density (air=1): N/A
Flash Point: N/A Melting Point/Freeze Point: N/A Physical State: Powder
Odor: Little Color: Black Odor Threshold (ppm): N/A
% Volatile by Volume: N/A Evaporation Rate: N/A Specific Gravity (water=1): 4.6 calc
Acid / Alkalinity (MEQ/G): N/A PH: N/A Solubility in Water (20°C): Insoluble
Solubility in Organic Solvent (State Solvent): Not Determined

11. Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will Not occur
Hazardous Thermal Decomposition/Combustion Products: None Known
Incompatibility (Materials to Avoid): None Known
Conditions to Avoid: High Temperatures

12. Toxicological Information

Acute Dermal LD50 (MG/KG): Not Determined
Acute Inhalation LC50 (MG/L): Not Determined
Other: Eye and Skin Irritant
AMES Test: Not Determined

13. Ecological Information

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time

14. Disposal Considerations

Disposal Method: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

15. Transport Information

DOT Shipping Name: Not regulated
DOT Hazard Class: N/A
DOT Label (s): N/A
UN/NA Number: N/A
IATA: N/A
IMO IMDG-code: N/A



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16. Regulatory Information

TSCA Status: All components of this product are listed on the TSCA Inventory

SARA Section 302: Not reportable

SARA (311,312) Hazard Class: Acute Health Hazard

SARA 313 Chemicals: Contains no SARA Title III, Section 313 notification chemical present at or above the deminimus concentration

New Jersey Right to Know: Pigment Black CAS# 12227-89-3 (not listed)

CA Prop 65: To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

Pennsylvania Right to Know: Not Listed

HMIS

Health: 0

Flammability: 1

Reactivity: 0

NFPA: Not Determined

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