

Safety Data Sheet

Eagle Exterior Dye (all colors)

Section 1

Product Description

Product Name: Eagle Exterior Dye (all colors)
Recommended Use: Staining concrete
Supplier: Eagle I.F.P. Company, P.O. Box 100431, Nashville, TN 37224, 615-872-2710
Emergency Phone: INFOTRAC 1-800-535-5053

Section 2

Hazard identification

Skin Corrosion: Category 3

Respiratory Sensitizer: Category 1

Carcinogen: Category 2



Signal Word:

Danger

Hazard Statements:

H316 Causes mild skin irritation

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H351 Suspected of causing cancer

Precautionary Statements:

Prevention:

P233 Keep container tightly closed

P261 Avoid breathing mist

P270 Do not eat, drink, or smoke while using this product

P271 Use only outdoors or in a well-ventilated environment

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 Upper respiratory protection

P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Section 3

Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Titanium Dioxide	13463-67-7	15 mg/m ³ (total dust)	10 mg/m ³ (inhalable particles)	0.0 – 10.0
2,2,4 Trimethyl 1,3-Pentendiol Monoisobutyrate	25265-77-4	None Established	None Established	1.0 – 5.0
2,2,4 Trimethyl 1,3-Pentendiol Diisobutyrate	6846-50-0	None Established	None Established	1.0 – 5.0
Amorphous Silica	7631-86-9	None Established	None Established	0.0 – 5.0
Aluminum Hydroxide	21645-51-2	None Established	None Established	0.0 – 5.0
Carbon Black	1333-86-4	3.5 mg/m ³	3.5 mg/m ³ (inhalable particles)	0.0 – 10.0
Transparent Red Iron Oxide	1309-37-1	5 mg/m ³ (respirable fraction)	5 mg/m ³ (respirable fraction)	0.0 – 5.0
Manganite	1317-34-6	None Established	None Established	0.0 – 5.0
2-Butoxyethanol	111-76-2	50 ppm	20 ppm	0.0 – 5.0
Silica Sand	14808-60-7	None Established	None Established	0.0 – 1.0

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Hematite	1317-60-8	None Established	None Established	0.0 – 20.0
Yellow Iron Oxide	51274-00-1	None Established	None Established	0.0 – 20.0

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Remove contaminated clothing and wash the affected area with soap and water. Call a physician if skin irritation persists.

Eyes: Immediately flush with plenty of water. After initial rinsing, remove contacts (if present) and continue rinsing for 15 more minutes. If symptoms persist, call a physician.

Inhalation: Remove to fresh air. Administer artificial respiration if necessary. Call a physician if symptoms persist.

Ingestion: DO NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water dilute the material. Never give anything by mouth to an unconscious person. Consult a physician.

Section 5 Firefighting Procedures

Extinguishing Media: Dry chemical, alcohol-resistant foam, water spray, or CO₂

Flammable Limits (% volume in air for solvents): LEL: Not Determined UEL: Not Determined

Special Fire Fighting Procedures: Keep material and container away from sources of ignition. Use SCBA when fighting fire.

Section 6 Spill or Leak Procedures

Small Spills: Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Notify proper authorities if runoff should occur.

Large Spill Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Prevent runoff from entering surface waters. Notify proper authorities if runoff should occur.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Container Cleaning and Disposal: Containers must not be washed out or used for other purposes. Do not weld or flame cut empty containers.

Section 7 Handling and Storage

Normal Handling: Use only in well ventilated areas. Wear all Personal Protective Equipment. Use the product in a manner that minimizes splashes and/or the creation of dust.

Storage: Store material in its original container. Keep containers tightly closed when not in use.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Avoid breathing mist. Avoid freezing. Do not store above 120 F.

Section 8 Protection Information

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contaminations, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact.

Eye Protection: Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 Physical Data

Appearance: Colored liquid

Odor: Slight amine

Odor Threshold: No data available

pH: 9.5 – 10.0

Melting Point: Not determined

Freezing Point: 32° F (0 °C)

Boiling Point: 212° F (100 °C)

Flash Point: >212° F

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Evaporation Rate: Not determined
Flammability (solid, gas): Not applicable
Upper/lower Flammability: N/A
Vapor Pressure: Not determined
Vapor Density: Not determined
Relative Density: 1.01-1.11
Water Solubility: 100%
Partition Coefficient: No data available
Auto-ignition Temperature: N/A
Decomposition temperature: Not determined
Viscosity: Not determined
Specific Gravity (H2O=1, at 4 °C): 1.02-1.11

Section 10 Reactivity Data

Reactivity: Stable under normal conditions.
Conditions to avoid: Excessive heat, reactive metals, and strong oxidizers.
Incompatibility (Materials to Avoid): None known.
Hazardous Decomposition (Byproducts): May emit toxic fumes under fire conditions.
Hazardous Polymerization: Will not occur.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, ingestion, eyes, and skin.
Acute Toxicity Estimates (ATE): No data available

Skin Contact: May cause mild skin irritation. Prolonged or repeated exposure may aggravate pre-existing conditions.
Eye Contact: May cause eye irritation.
Inhalation: May cause irritation of respiratory tract.
Ingestion: May cause irritation of the skin inside the mouth, nausea, or stomach cramps/discomfort.
Carcinogen: The following chemicals may comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA, or ACGIH:

Titanium dioxide CAS# 13463-67-7
Carbon black CAS# 1333-86-4

Aggravation of Pre-existing Conditions: Inhalation of fumes may aggravate existing lung problems.

Section 12 Ecological Data

Aquatic Toxicity (calculated): No data available
Persistence and Degradability: No data available
Bioaccumulation Potential: No data available
Mobility in the Soil: Mobile in wet soil
Other Adverse Effects: None

Section 13 Disposal Information

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

Proper Shipping Name: Non-Regulated Material
Hazard Class: N/A
UN: N/A
Packing Group: N/A
Marine Pollutant: No.

IATA:
Proper Shipping Name: Non-Regulated Material

IMDG:
Proper Shipping Name: Non-Regulated Material

Section 15 Regulatory Information

California Prop. 65: Warning! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

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Titanium dioxide	CAS# 13463-67-7
Carbon black	CAS# 1333-86-4
Transparent red oxide	CAS# 1309-37-1
Silica sand	CAS# 14808-60-7
Yellow iron oxide	CAS# 51274-00-1

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.