



# THE EARTH PIGMENTS COMPANY

Material Safety Data Sheet

## **SECTION 1 | Product and Company Information**

Product Name Environox Falun Red, Terra Cotta, Dark Brown  
Product Number ENV 832, 833, 834

Company The Earth Pigments Company  
P.O. Box 1172  
Cortaro, AZ 85652 USA

Technical Telephone (520) 682-8928

## **SECTION 2 | COMPOSITION**

Product Synonyms Iron Oxide, Inorganic Pigment  
Color Index Pigment Brown #6  
CAS-No 52357-70-7  
Chemical Formula Fe<sub>2</sub>O<sub>3</sub>/Fe-O-OH  
Color and Form Brown Odorless Powder

## **SECTION 3 | Hazards Identification**

NUISANCE DUST – This material is considered a Nuisance Dust.

Personal Protection Hazard Rating: E (glasses, gloves, dust respirator)

**Emergency Overview** Product presents little or no hazard if spilled. May cause mechanical irritation.

Primary Routes of Entry: Inhalation, Skin Contact, Eye Contact, Ingestion

Medical Conditions Aggravated by Exposure: Respiratory disorders

Symptoms of Overexposure: May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.

Acute Skin: May cause mechanical irritation

Acute Eye: May cause mechanical irritation

### **CARCINOGENITY:**

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>
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EYE CONTACT: In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

SKIN CONTACT: In case of skin contact, wash affected areas with soap and water.

INHALATION: If inhaled, remove to fresh air. Get medical attention if irritation develops.

INGESTION: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

<b>SECTION 5</b>	<b>FIRE-FIGHTING MEASURES</b>
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THIS MATERIAL IS NOT COMBUSTIBLE

Suitable Extinguishing Media for surrounding area: water, foam, dry chemical

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing.

<b>SECTION 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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The specific gravity of this solid material means it will not travel far from the spill location unless mechanically agitated. Spills should be cleaned promptly and placed in appropriate containers for disposal. Avoid creating dusty conditions. Water may be utilized to minimize dust, but must also be disposed of in proper containers.

Large spills should be swept up and placed in appropriate containers for disposal. Clean up promptly by scoop, vacuum with HEPA filter, wet broom or mop, disposing of wastewater in containers. Employees should utilize basic safety equipment to protect against excessive dust, including safety glasses, leather or rubber gloves, protective clothing of cotton or Tyvek and respiratory protection.

<b>SECTION 7</b>	<b>HANDLING AND STORAGE</b>
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Storage Period  
Unlimited in tightly closed containers

Handling/Storage Precautions  
Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Avoid breathing dust.

Store at ambient temperatures less than 300° F.

<b>SECTION 8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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Good housekeeping procedures should be followed to prevent dust during processing.

**Professional Measures:**

Respiratory Protection: Dust respirator

Skin Protection: Impervious protective clothing such as rubber gloves to prevent skin contact

Eye/Face Protection: Safety goggles when dusting is possible

**Additional Information**

To control potential exposures, avoid creating dust. Avoid direct skin contact when possible. Do not eat, drink, smoke, apply cosmetics or perform any other hand-to-mouth activities when handling product. Wash thoroughly after handling.

<b>SECTION 9</b>	<b>STABILITY AND REACTIVITY</b>
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Hazardous reactions: Hazardous polymerization does not occur

Heat Stability: Stable to 300 degrees F.

Incompatibility: Strong Oxidizers, Hydrazine, Calcium Hypochlorite, Performic Acid and Bromine Pentafluoride.

<b>SECTION 10</b>	<b>TOXOLOGICAL INFORMATION</b>
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NTP Carcinogen Known: No

NTP Carcinogen Anticipated: No

<b>SECTION 11</b>	<b>ECOLOGICAL INFORMATION</b>
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Biodegradation: The methods for determining the biological degradability are not applicable to inorganic substances.

<b>SECTION 12</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Waste Disposal: Waste disposal of material and containers should be done in accordance with local regulations. Because inorganic pigments cannot biodegrade, they should be disposed of in a landfill to protect ground water.

<b>SECTION 13</b>	<b>TRANSPORTATION</b>
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NON-REGULATED Land, Sea or Air Transport

<b>SECTION 14</b>	<b>OTHER INFORMATION</b>
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