

# SAFETY DATA SHEET

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name #5 Raw Sienna – Tints All

### Other Means of Identification

Product Code 445

### Recommended Use of the Chemical and Restrictions on Use

Universal Tinting color

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

SHEFFIELD BRONZE PAINT CORP.  
17814 S. WATERLOO RD.  
CLEVELAND, OHIO 44119

### Emergency Telephone Number

Company Phone Number 216-481-8330  
Emergency Telephone 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Flammable liquids: Category 3  
Serious Eye irritation: Category 2A  
Aquatic Hazard: Category 1

Signal Word DANGER

### Symbols



### Emergency Overview:

Physical State: Liquid  
Color: Raw Sienna  
Odor: Characteristic

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### **Hazard Statements**

H316: CAUSES MILD SKIN IRRITATION.  
H226: FLAMMABLE LIQUID AND VAPOR.  
H319: CAUSES SERIOUS EYE IRRITATION.  
H335: MAY CAUSE RESPIRATORY IRRITATION.  
H350: MAY CAUSE CANCER IF INHALED.

### **Precautionary Statements - Prevention**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof electrical, ventilating and lighting equipment.  
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P264: Wash face, hands and any exposed skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

### **Precautionary Statements – Response**

P303+P361+P353: IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 +P313: If eye irritation persists: Get medical advice/attention.

### **Precautionary Statements – Storage**

P403 + P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405: Store locked up.

### **Precautionary Statements – Disposal**

P501: Dispose of contents/container to an approved waste disposal plant.

## **3. COMPOSITION/INFORMATION**

<b>Chemical Name</b>	<b>CAS No</b>	<b>Weight - %</b>
Yellow Iron Oxide	51274-00-1	18.0
Red Iron Oxide	1309-37-1	1.5
Calcium Carbonate Mixture	471-34-1	42.7
Ethoxylated Surfactant	68154-97-2	8.5
Nonylphenol, Ethoxylated Surfactant	127087-87-0	8.5
Diacetone Alcohol	123-42-2	17.0
Bentonite	1302-78-9	3.0
Additives		1.0

## 4. FIRST AID MEASURES

### First Aid Measures

- Eye Contact**     **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses. Immediately flush eyes thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If eye irritation persists: Get medical advice/attention.
- Skin Contact**     **IF ON SKIN:** Remove/Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs.
- Inhalation**        **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion**         **IF SWALLOWED:** immediately call a poison center or doctor. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

### Most Important Symptoms and Effects, both acute and Delayed

- Symptoms**         Direct contact with eyes causes serious irritation. Harmful if inhaled. May cause irritation to the mucous membranes and upper respiratory tract. Choking, coughing and headache may occur.

### Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians**     Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry Chemical CO<sub>2</sub>, Halon.

**Unsuitable Extinguishing Media** Do not use water

### Specific Hazards Arising from the Chemical

Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst. Runoff to sewer may create fire or explosion hazard.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment.** For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning** Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard Any product, residue, disposable container or liner in full compliance with federal, State and local regulations.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling & Storage

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Keep away from heat, sparks, flame and other sources of ignition. All equipment used when handling the product must be grounded.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**Incompatible Materials** Strong oxidizing agents, sparks or open flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
Yellow Iron Oxide	TWA 5 mg/m <sup>3</sup>	PEL 10 mg/m <sup>3</sup>	Data Not Available
Red Iron Oxide	TWA 5mg/m <sup>3</sup>	PEL 10mg/m <sup>3</sup>	Data Not Available
Calcium Carbonate Mixture	TWA 10mg/ <sup>3</sup>	Data Not Available	Data Not Available
Ethoxylated Propoxylated Surfactant	Data Not Available	Data Not Available	Data Not Available
Nonylphenol, Ethoxylated Surfactant	Data Not Available	Data Not Available	Data Not Available
Diacetone Alcohol	TWA 50 ppm	PEL 50 ppm	Data Not Available
Bentonite	TWA 0.025 mg/m <sup>3</sup>	PEL 0.1 mg/m <sup>3</sup> respirable fraction	50 mg/m <sup>3</sup> respirable dust

**Recommended monitoring procedures:** If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Appropriate Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection**                      Avoid contact with eyes. Wear safety eyewear.
- Skin and Body Protection**            Wear suitable protective clothing. Use impervious gloves.
- Respiratory Protection**                Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations**    Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

Physical State	Liquid	Odor	Characteristic
Appearance	Reddish Yellow liquid	Odor Threshold	Not determined
Color	Raw Sienna		

<u>Property</u>	<u>Values</u>	
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	337° F	
Flash Point	138° F	
Evaporation Rate	Slower than Butyl Acetate	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Threshold Limit Value	50 ppm or 240 mg/m <sup>3</sup> TWA (8hr. Workday)	
Water Solubility	Soluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not determined	
Decomposition Temperature Kinematic	Not determined	
Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties Oxidizing	Heated drums can explode	
Properties	Not determined	
VOC Contents	2.55lbs./Gallon; 306 Grams/Litre	
Percent Volatile by :		
<b>Weight</b>	<b>Volume</b>	<b>Weight per Gallon</b>
17.8	31	14.3 lbs.

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children. Avoid all possible sources of ignition (spark or flame).

### Incompatible Materials

Strong oxidizers, acids, peroxides, alkalis and halogenated hydrocarbons.

### Hazardous Decomposition Products

In a fire: Carbon Monoxide, Carbon Dioxide and Hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Eye Contact** Causes serious eye irritation.      **Skin Contact** No relevant data found

**Inhalation** May cause cancer if inhaled.      **Ingestion** No relevant data found.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Yellow Iron Oxide	>5000 mg/kg rat	>5500mg/kg rat	Data not available
Red Iron Oxide	Data not available	Data not available	Data not available
Calcium Carbonate Mixture	Data not available	Data not available	Data not available
Ethoxylated Propoxylated Surfactant	Data not available	Data not available	Data not available
Nonylphenol, Ethoxylated Surfactant	>3314 mg/kg rat	>3000 mg/kg rabbit	Data not available
Diacetone Alcohol	4 g/kg (rat)	14.5 ml/kg (rabbit)	Data not available
Crystalline Silica Quartz 14808-60-7	>500mg/kg rat	Data not available	Data not available

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity** This product contains carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical Measures of Toxicity

Oral ATE mix:

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Material expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Yellow Iron Oxide	Data not available	Golden Orfe LC0>1000 mg/1	Pseudomonas fluorescens EC0>5000 mg/1	Data not available
Red Iron Oxide	Data not available	Golden Orfe LC0>1400mg/1	EC0>5000 mg/1	Data not available
Calcium Carbonate Mixture	Data not available	Data not available	Data not available	Data not available
Ethoxylated Propoxylated Surfactant	Data not available	Data not available	Data not available	Data not available
Nonylphenol, Ethoxylated	Data not available	LC50: Fish 1-8.6 mg/1	Data not available	Data not available
Diacetone Alcohol	Data not available	LC50: Lepomis Macrochirus 420 ppm/96 Hr. LC50: Menidia Beryllina 420 ppm/96 Hr.	Data not available	Data not available
Crystalline Silica Quartz		>500mg/1 (Rainbow trout >300mg/1 Daphnia magna 48 hrs >230mg/1 Daphnia magna ; 96 hrs.	Data not available	Data not available

### Persistence and Degradability

Not determined

### Bioaccumulation

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special Circumstances.

**DOT** UN1263, Paint, 3, III

**IATA** Not available.

**IMDG** Not available.

**TDG** Not available.

## 15. REGULATORY INFORMATION

### International Inventories

Chemical Name	TSCA	DSL	NDSL	AICS	NZIOC	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Yellow Iron Oxide	Present	Present		Present	Present	Present		X	Present	Present	Present
Red Iron Oxide	Present	Present		Present	Present	Present		Present	Present	Present	Present
Calcium Carbonate	Present	Present		Present	Present		Present	Present	Present	Present	Present
Crystalline Silica Quartz	Present	Present		Present	Present	Present		Present	Present	Present	Present
Ethylene oxide	Present	Present		Present	Present			Present	Present	Present	Present
Propylene oxide	Present	Present		Present	Present			Present	Present	Present	Present
Diacetone alcohol	Present	Present		Present	Present			Present	Present	Present	Present

**Legend:** TSCA – United States Toxic Substances Control Act Section 8 (b) Inventory  
 DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List  
 NZIOC – New Zealand Inventory of Existing Chemical Substances  
 EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
 ENCS – Japan Existing and New Chemical Substances  
 IECSC – China Inventory of Existing Chemical Substances  
 KECL – Korean Existing and Evaluated Chemical Substances  
 PICCS – Philippines Inventory of Chemicals and Chemical Substances  
 AICS – Australian Inventory of Chemicals and Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**California Prop 65:** This product contains, or may contain, trace quantities of a substance known to the state of California to cause cancer and/or reproductive toxicity. Quartz (fine fraction) CAS #14808-60-7; Ethylene oxide.

Chemical Name	CAS No	Weight-%
Crystalline Silica (Quartz)	14808-60-7	<3%

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Minnesota	Rhode Island
Calcium Carbonate	X	X	X		
Quartz	X	X	X		
Diacetone Alcohol	X	X	X	X	



## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b>HMIS</b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B

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### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**