

# MATERIAL SAFETY DATA SHEET



Date Issued: 07/27/2011  
MSDS No: 6828 RED OXIDE

## 6828 RED OXIDE

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 6828 RED OXIDE  
**GENERAL USE:** Pigment  
**CHEMICAL FAMILY:** Non-aqueous colorant

#### MANUFACTURER

BJB Enterprises, Inc.  
14791 Franklin Avenue  
Tustin, CA 92780  
**Customer Service Number:** (714) 734-8450  
**Fax:** (714) 734-8929

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (US Transportation):** (800) 424-9300  
or (703) 527-3887

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE AND ODOR:** Red oxide viscous liquid with a slight odor.

**IMMEDIATE CONCERNS:** May cause eye and skin irritation. Use in a well-ventilated area. This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Liquid and vapors are irritating to eyes. May cause severe injury which may not be reversible.

**SKIN:** Exposure may cause mild skin irritation. Symptoms may include redness and burning.

**INGESTION:** May cause irritation to the mouth, throat and stomach.

**INHALATION:** May be harmful if inhaled. Inhalation at levels above the occupational exposure limit could cause respiratory sensitization and risk of damage to the respiratory system.

**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing skin disorders. Previous respiratory impairments.

**ROUTES OF ENTRY:** Eye and skin contact, inhalation of vapors, or accidental ingestion.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Diisodecyl Phthalate (DIDP)	< 90	68515-49-1
Proprietary Additive	1 - 5	Proprietary
Polyester Resin	1 - 5	Proprietary

### 4. FIRST AID MEASURES

**EYES:** Immediately rinse with water. Remove contact lenses. Hold eyelids apart and flush eyes with water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**NOTES TO PHYSICIAN:** Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

**6828 RED OXIDE****5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** 225°C (437°F)

**EXTINGUISHING MEDIA:** Foam, dry chemical, or carbon dioxide.

**FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and various hydrocarbons.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Evacuate the area. Clean-up should only be performed by trained personnel. People dealing with a major spill should wear full protective clothing including appropriate respiratory protection. Prevent product spill from entering sewers or waterways. Neutralize small spills with a decontaminant.

**LARGE SPILL:** Contain and absorb large spills onto an inert, non-flammable adsorbent carrier (such as earth or sand). Shovel into open-top drums or plastic bags for further decontamination, if necessary. Wash the spill area clean with a liquid decontaminant. Remove and properly dispose of residues. Notify applicable government authorities if release is reportable. (See CERCLA in Section 15).

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor over open containers. Avoid open container exposure to damp air. Avoid breathing aerosols, mists, and vapors.

**HANDLING:** Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

**STORAGE:** Store in closed, properly labeled containers away from heat, open flames, and strong oxidizers.

**SHELF LIFE:** 24 months from date of shipment under manufacturers recommended storage conditions.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Diisodecyl Phthalate (DIDP)	TWA	NE	NE	NE	NE	NE	5 mg/m <sup>3</sup>
	STEL	NE	NE	NE	NE	NE	NE
Proprietary Additive	TWA	NE	NE	NE	NE	NE	NE
	STEL	NE	NE	NE	NE	NE	NE
Polyester Resin	TWA	NE	NE	NE	NE	NE	NE
	STEL	NE	NE	NE	NE	NE	NE

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1 or approved equivalent.

**SKIN:** Chemical-resistant gloves and chemical goggles, face-shield, and synthetic apron or coveralls should be used to prevent contact with eyes, skin, or clothing. Wear nitrile or neoprene gloves. Chemical resistant gloves lined with polyethylene offer maximum protection.

**RESPIRATORY:** Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH approved) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**PROTECTIVE CLOTHING:** Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of

**6828 RED OXIDE**

Chemical Protective Clothing' published by ACGIH.

**WORK HYGIENIC PRACTICES:** Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands before eating.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Viscous liquid

**ODOR:** Slight

**COLOR:** Red oxide

**PERCENT VOLATILE:** Nil

**VAPOR PRESSURE:** Not Established

**VAPOR DENSITY:** Not Established

**FLASHPOINT AND METHOD:** 225°C (437°F)

**SOLUBILITY IN WATER:** Not Established

**SPECIFIC GRAVITY:** 1.449 (water=1) at 25°C (77°F)

**VOC (Volatile Organic Compound):** Nil

**10. STABILITY AND REACTIVITY**

**STABILITY:** This product is stable under normal ambient conditions of temperature and pressure.

**POLYMERIZATION:** Product will not undergo polymerization.

**CONDITIONS TO AVOID:** High temperatures, accumulation of static charges, flames and other possible ignition sources.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and various hydrocarbons.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, strong bases, and strong acids. Explosive decomposition may occur if combined with strong acids or strong bases.

**11. TOXICOLOGICAL INFORMATION****TOXICITY TO ANIMALS**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Diisodecyl Phthalate (DIDP)	> 10 g/kg	> 3.16 g/kg	> 0.13 mg/l
Proprietary Additive	Not Established	Not Established	Not Established
Polyester Resin	Not Established	Not Established	Not Established

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No specific ecological data are available for this product. Refer to Section 6 for information regarding accidental release and Section 15 for regulatory reporting information.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Disposal should be in accordance with local, state, provincial or national regulations.

**EMPTY CONTAINER:** Containers must be emptied (as defined by RCRA, 40 CFR Section 261.7 or state regulations that may be more stringent) and either passed to an approved recycler or destroyed.

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION) LAND**

**NOTE:** Not Regulated

**AIR (ICAO/IATA):** Not Regulated

**VESSEL (IMO/IMDG):** Not Regulated

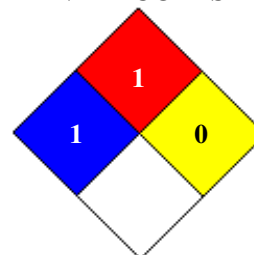
**15. REGULATORY INFORMATION****UNITED STATES**

**6828 RED OXIDE****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** None Expected.**313 REPORTABLE INGREDIENTS:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:  
None**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** For this/these chemicals, release of more than the Reportable Quantity to the environment in a 24-hour period requires notification to the National Response Center (800-424-8802 or 202-426-2675):  
None**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** This product or its components are listed in or exempt from the TSCA inventory requirements.**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR 1910.119--PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.**REGULATIONS****STATE REGULATIONS:** California Proposition 65: This product contains chemical(s) which are known to the State of California to cause cancer, birth defects or other reproductive harm, and may be subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):**CALIFORNIA PROPOSITION 65**

Chemical Name	Wt. %	Listed
Diisodecyl Phthalate (DIDP)	< 90	<ul style="list-style-type: none"> <li>● Cancer</li> <li>● Developmental Toxicity</li> </ul>

**OSHA HAZARD COMM. RULE:** The contents of the MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.**CANADA****WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.**WHMIS CLASS:** Does not meet criteria.**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components in this product are included on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).**GENERAL COMMENTS:** This product contains diisodecyl phthalate (DIDP, CAS# 68515-49-1). In the U.S., there is an interim prohibition on DIDP above 0.1 percent by weight (one thousand parts per million) in toys intended for children age 12 and under that can be placed in a child's mouth and child care articles for children age 3 and under [H.R. 4040, The Consumer Safety Improvement Act of 2008].**16. OTHER INFORMATION****REASON FOR ISSUE:** Revised format**APPROVED BY:** Michael Rose    **TITLE:** R & D Manager**PREPARED BY:** Gus Alidad**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	<b>X</b>

**NFPA CODES****HMIS RATINGS NOTES:** Personal Protection: See Section 8**MANUFACTURER DISCLAIMER:** This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of BJB Enterprises, Inc. The data on this sheet relates only to the specific material designated herein. BJB Enterprises, Inc. assumes no legal responsibility for use or reliance upon this data.