

PRODUCT NAME: 8230 RED OXIDE PRIMER  
 PRODUCT CODE: H8230

HMIS CODES: H F R P  
 2 2 0 H

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 SECTION I - MANUFACTURER IDENTIFICATION  
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MANUFACTURER'S NAME: H-I-S PAINT MANUFACTURING COMPANY INC  
 ADDRESS : 1801 WEST RENO  
 OKLAHOMA CITY, OKLAHOMA 73106-3217  
 EMERGENCY PHONE : 405-232-2077 DATE PRINTED : 6/1/04  
 INFORMATION PHONE : 405-232-2077 REVISION DATE : 01/29/04  
 24 HOUR EMERGENCY : 405-640-5304 NAME OF PREPARER : STEVE BUSSJAEGER  
 24HR EMERGENCY(ALT): 405-376-9327, 405-692-7269, or 405-691-0479

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 SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION  
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
CALCIUM CARBONATE ACGIH TLV: 10 mg/m3 (TWA) TOTAL DUST OSHA PEL: 15 mg/m3 (TWA) TOTAL DUST, 5 mg/m3 (TWA) RESPIRABLE DUST	1317-65-3		30-40%
MINERAL SPIRITS (ALIPHATIC PETROLEUM DISTILLATES) ACGIH TLV: 100 PPM OSHA PEL: 100 PPM H-I-S: 525 mg/m3 (RECOMMENDED) LD50: ORAL: > 25ml/kg (RAT) DERMAL: >4 ml/kg (RABBIT) LD50: INHALATION: >700 PPM/4 HR (RAT)/LD50'S BASED ON SIMILAR PRODUCT	8052-41-3	1.7 68°F	20-30%
IRON OXIDE ACGIH TLV: 5 mg/m3 (TWA) FUME OSHA PEL: 10 PPM (STEL) FUME	1309-37-1		10-20%
TALC (HYDROUS MAGNESIUM SILICATE) ACGIH TLV: 2 mg/m3 (TWA) RESPIRABLE DUST OSHA PEL: 2 mg/m3 (TWA) RESPIRABLE DUST	14807-96-6		<5%
* CALCIUM STRONTIUM ZINC PHOSPHOSILICATE ACGIH TLV: 10 mg/m3 (TWA) TOTAL DUST OSHA PEL: 15 mg/m3 (TWA) TOTAL DUST, 5 mg/m3 (TWA) RESPIRABLE DUST	66402-68-4		4.1

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
 This material contains ingredients covered by the California "Safe Drinking Water and Toxic Enforcement Act of 1986."  
 All components of this product are present on the United States Toxic Substances Control Act (TSCA) chemical substances inventory.

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 SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS  
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BOILING RANGE: 307°F  
 VAPOR DENSITY: Heavier than air  
 COATING V.O.C.: 2.78 lb/gl  
 COATING V.O.C.: 334 g/l  
 EVAPORATION RATE: Slower than ether  
 SOLUBILITY IN WATER: Material is not water soluble and/or dispersable in water  
 APPEARANCE AND ODOR: Liquid, aliphatic odor

SPECIFIC GRAVITY (H2O=1): 1.45  
 WEIGHT PER GALLON: 12.1 lb/gl  
 MATERIAL V.O.C.: 2.78 lb/gl  
 MATERIAL V.O.C.: 334 g/l

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 SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:  
 Between 100 and 200°F

**EXTINGUISHING MEDIA:**

Foam, CO2, dry chemical.

**SPECIAL FIREFIGHTING PROCEDURES**

Full protective equipment and self-contained breathing apparatus should be used. Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion from heating.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Handle as ignitable liquid. Keep containers tightly closed and isolate from heat, electrical equipment, sparks or flame. Vapors form an explosive mixture in air between the upper and lower explosive limits. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY:**

Stable

**CONDITIONS TO AVOID**

Excessive heat, all possible sources of ignition, corrosive atmosphere, poor ventilation, excessive aging.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Alkaline materials, strong acids and oxidizing materials.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Thermal decomposition or combustion can produce fumes of carbon dioxide and carbon monoxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur under normal conditions.

## ===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Solvent vapor or mist can cause dizziness, breathing difficulty, headaches, irritation to nose and throat, loss of coordination. Continued over-exposure can lead to central nervous system depression.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Skin contact: Can cause irritation. Can cause defatting of skin which can lead to dermatitis. Eye contact: Liquid or vapor can cause irritation, tearing, discomfort, redness and blurred vision.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Liquid can be absorbed through skin causing irritation, defatting and dermatitis.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Can cause mouth, throat, esophagus and stomach irritation, nausea, vomiting, and diarrhea.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Reports have associated repeated or prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**CARCINOGENICITY:** NTP CARCINOGEN: N/A IARC MONOGRAPHS: N/A OSHA LISTED: N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Pre-existing eye, skin and respiratory disorders.

**EMERGENCY AND FIRST AID PROCEDURES**

Inhalation- Move person to fresh air. Eye contact- Flush immediately with a large amount of water for at least 15 minutes and get medical attention. Skin contact- Wash thoroughly with soap and water while removing contaminated clothing and shoes. Ingestion- Do not induce vomiting! Contact physician or your local poison control center immediately.

**===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Contain and remove with inert absorbent and non-sparking tools. Keep out of sewers.

**WASTE DISPOSAL METHOD**

Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state, and federal regulations. Do not incinerate closed containers. Incinerate in approved facility. Obey relevant laws.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep away from excessive heat, sparks or open flames. Keep containers closed when not in use. Store in cool, well ventilated approved areas. Avoid free fall of liquid in excess of a few inches and ground container when pouring. Use non-sparking utensils when handling this material. Keep containers closed and upright when not in use.

**OTHER PRECAUTIONS**

DO NOT TAKE INTERNALLY. Store large quantities in buildings designed to comply with OSHA 1910.106. Emptied containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks and flames. Do not cut, puncture or weld on or near emptied containers. Wash hands after using and before smoking or eating. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned or destroyed. KEEP OUT OF THE REACH OF CHILDREN.

**===== SECTION VIII - CONTROL MEASURES =====****RESPIRATORY PROTECTION**

Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during the use of this product until vapor and mists levels are below applicable exposure limits. Observe OSHA Standard 29CFR1910.134.

**VENTILATION**

Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below applicable exposure limits. Refer to OSHA Standard 29CFR1910.94.

**PROTECTIVE GLOVES**

Use chemical/solvent impermeable gloves to avoid contact with product.

**EYE PROTECTION**

Avoid contact with eyes. Use safety eyewear with splash guards or side shields, chemical goggles, face shields.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Provide eyewash station and emergency shower. Use of protective creams, head caps, etc. is recommended. Avoid contact with contaminated clothing. Wash contaminated clothing, including shoes, before reuse.

**WORK/HYGIENIC PRACTICES**

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Wash hands before eating or using washroom, smoke in smoking areas only.

===== SECTION IX - DISCLAIMER =====

To the best of our knowledge, the information contained herein is based on data considered accurate. No warranty expressed or implied is made. H-I-S Paint assumes no responsibility for damage to person, property or business caused by the material. It is the responsibility of the purchaser or user of the material to ensure that it is properly used.