

MSDS

PRODUCT NAME: #1015 - RED OXIDE PRIMER
PRODUCT CODE: 000000000000001015

HMIS CODES: H C F R
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===== [SECTION I - MANUFACTURER IDENTIFICATION] =====

MANUFACTURER'S NAME: RICHARDS PAINT COMPANY
ADDRESS : 200 PAINT STREET, ROCKLEDGE, FL 32955

EMERGENCY PHONE : 800-424-9300 DATE PRINTED : 6/13/05
INFORMATION PHONE : 321-636-6200 NAME OF PREPARER : RICHARD'S PAINT

===== [SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION] =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
ALIPHATIC HYDROCARBON (VM&P NAPHTHA) OSHA PEL: 300ppm, ACGIH TLV: 300ppm	64742-89-8	45	77 F	5.1% TO 10.0%
ALIPHATIC HYDROCARBON (M.SPIRITS) OSHA PEL: 500 PPM, ACGIH TLV: 100 PPM	8052-41-3	3.1	68 F	5.1% TO 10.0%
AROMATIC HYDROCARBON (NAPHTHA) OSHA PEL: 100 mg/M3, ACGIH TLV: 100 mg/M3, OTHER: 100 mg/M3	64742-95-6	4	68 F	5.1% TO 10.0%
* & ZINC CHROMATE OSHA PEL: .1MG/M3, ACGIH TLV: .01MG/AL	13530-65-9	0	0	1.67

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

(&) Indicates this chemical is a known or suspected carcinogen. ** See Section VI, Health Hazard Data. **

===== [SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS] =====

BOILING RANGE: 0 deg F - 405 deg F WPG (H2O=8.33): 13.17 lb/g1
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
APPEARANCE & ODOR: N/A SOLUBILITY IN WATER: NON SOLUBLE

COATING V.O.C.: 357 g/l COATING V.O.C.: 2.98 lb/g1

===== [SECTION IV - FIRE AND EXPLOSION HAZARD DATA] =====

FLASH POINT: 0 deg F METHOD USED:

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 0 UPPER: 12.6

EXTINGUISHING MEDIA:
Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog

SPECIAL FIREFIGHTING PROCEDURES:
Self-contained breathing apparatus with a full face shield operated in the positive pressure demand mode when fighting fires involving chemicals. Water should not be used except as fog to keep nearby containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

===== [SECTION V - REACTIVITY DATA] =====

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STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID:

Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

INCOMPATIBILITY:

Alkaline materials, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon dioxide, carbon monoxide, various hydrocarbons

===== [SECTION VI - HEALTH HAZARD DATA] =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Eye contact: Severe irritation, redness, tearing and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact: Can dry and defat skin causing cracks, irritation and dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. CALL PHYSICIAN IMMEDIATELY AND HAVE THE NAMES OF ALL INGREDIENTS AVAILABLE. Contains Zinc Chromate & trace amounts of EthylBenzene. Symptoms include gastrointestinal irritation, nausea, and vomiting. Zinc Chromate & EthylBenzene are recognized as carcinogens.

HEALTH HAZARDS (Acute and Chronic):

Inhalation: Dizziness, breathing difficulty, headaches and loss of coordination. Eye contact: Severe irritation, tearing, redness and blurred vision. Skin contact: Can dry and defat skin causing cracks, irritation and dermatitis. Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Chronic overexposure: Central nervous system effects. Inhalation: Dizziness, breathing difficulty, headaches and loss of coordination. Eye contact: Severe irritation, redness and blurred vision. Skin contact: Can dry and defat skin causing cracks, irritation and dermatitis. Ingestion: Can cause gastrointestinal irritation, nausea, and vomiting. Chronic exposure to EthylBenzene can cause liver, blood, central nervous system and brain damage. EthylBenzene: - IARC has determined that there is inadequate evidence of the carcinogenicity of ethylbenzene in humans. Chronic exposure to Zinc Chromate can cause lung and throat cancer.

***** CARCINOGENICITY ****

NTP CARCINOGEN: Yes

IARC MONOGRAPHS: Yes

OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Dermatitis, respiratory tract irritation.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation overexposure: Move person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration and get medical attention. Eye contact: Flush with large quantities of water for 15 minutes. Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing. Ingestion: Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact a Physician immediately. If any symptoms persist get medical attention.

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===== [SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE] =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate ignition sources, provide good ventilation, dike spill area and cover with inert, absorbent material and remove to disposal container. Observe all relevant federal, state and local laws.

WASTE DISPOSAL METHOD:

Consult local, state and federal hazardous waste regulations before disposing into approved hazardous waste landfills. Obey relevant laws. ** DO NOT INCINERATE CLOSED CONTAINERS **

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Use in well ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames.

OTHER PRECAUTIONS:

Smoking in area where material is used should be strictly prohibited.

===== [SECTION VIII - CONTROL MEASURES] =====

RESPIRATORY PROTECTION:

Use in well ventilated area. If ventilation is inadequate, use of an OSHA approved respirator (negative pressure type) is recommended. If workplace overexposure limit is exceeded NIOSH/MSHA approved air supplied respirator is advised.

VENTILATION:

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV.

PROTECTIVE GLOVES:

Wear resistant gloves such as nitrile rubber.

EYE PROTECTION:

Use chemical safety glasses, goggles or faceshields for eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of "head-caps" whenever possible is strongly recommended.

WORK/HYGIENIC PRACTICES:

Eye wash and safety showers in the workplace are recommended.

===== [SECTION IX - DISCLAIMER] =====

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