

MSDS

PRODUCT NAME: #1017-ZINC CHROMATE PRIMER
PRODUCT CODE: 000000000000001017

HMIS CODES: H C F R
3 * 3 1

===== [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 (M.SPIRITS) OSHA PEL: 500 PPM, ACGIH TLV: 100 PPM	8052-41-3	3.1	68 F	20.1% TO 25.0%
AROMATIC HYDROCARBON (NAPHTHA) OSHA PEL: 100 mg/M3, ACGIH TLV: 100 mg/M3, OTHER: 100 mg/M3	64742-95-6	4	68 F	< 5.0%
* & ZINC CHROMATE OSHA PEL: .1MG/M3, ACGIH TLV: .01MG/AL	13530-65-9	0	0	3.95
ALIPHATIC HYDROCARBON (VM&P NAPHTHA) OSHA PEL: 300ppm, ACGIH TLV: 300ppm	64742-89-8	45	77 F	< 5.0%
* ETHYLBENZENE OSHA PEL-TWA: 100ppm / ACGIH TLV-TWA: 100ppm / ACGIH TLV-STEL: 125ppm	100-41-4	7.1	68 F	.06

(*) Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

(&) 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): 11.33 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.: 400 g/l COATING V.O.C.: 3.34 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:

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Get medical attention. Use Class B fire extinguishers designed to extinguish flammable liquids. Pressure build up and possible auto-ignition or explosion may occur when exposed to extreme heat. Lead Chromates in the presence of organic compounds may create a fire hazard.

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

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID:

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

INCOMPATIBILITY:

Alkaline materials, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Lead and Chromium Oxides form when burned. Carbon dioxide, carbon monoxide, and 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:

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, 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: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May adversely affect conditions such as gastrointestinal hematological, renal, respiratory and neurological disorders.

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.

===== [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

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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:

This product contains a toxic chemical(s) in quantities subject to the reporting requirements of Section 313 of Title III and 40 CFR 372. Employees should be trained in safety measures when using this product. Consult the most recent OSH Standards regarding exposure limits and health hazards which may not be covered in this Material Safety Data Sheet.

===== [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:

Wash hands before eating, launder clothes before reuse. Eye wash and safety showers in the workplace is recommended.

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

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Richard's Paint Manufacturing Co. Inc. to be accurate at the time of preparation. Richard's Paint Manufacturing Co., Inc. does not assume any legal responsibility for use or reliance upon same. ** BEFORE USING ANY PRODUCT READ ITS LABEL **