

M A T E R I A L S A F E T Y D A T A S H E E T

#2400 - 2 COMP.ALIPH.URETH. A+B.

Page: 1

PRODUCT NAME: #2400 - 2 COMP.ALIPH.URETH. A+B.
PRODUCT CODE: 2400A+B

HMIS CODES: H C F R
2 3 0

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SECTION I - MANUFACTURER IDENTIFICATION
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MANUFACTURER'S NAME: RICHARDS PAINT COMPANY
ADDRESS : 200 PAINT STREET, ROCKLEDGE, FL 32955

EMERGENCY PHONE : 800-424-9300 DATE PRINTED : 4/27/2011
INFORMATION PHONE : 321-636-6200 NAME OF PREPARER : RICHARD'S PAINT

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
GLYCOL ETHER	108-65-6	3.7	68 F	15.1% TO 20.0%
ALIPHATIC POLYISOCYANATE	28182-81-2	15	20C	10.1% TO 15.0%
ETHYL ESTER	763-69-9	1.11	77 F	< 5.0%
OTHER: 50 PPM				
* AROMATIC HYDROCARBON (XYLENE)	1330-20-7	6.6	68 F	2.39
OSHA PEL-TWA: 100ppm / ACGIH TLV: 100ppm / ACGIH TLV-STEL: 150ppm				
ALIPHATIC HYDROCARBON (VM&P NAPHTHA)	64742-89-8	45	77 F	< 5.0%
OSHA PEL: 300ppm, ACGIH TLV: 300ppm				
ACETIC ACID, BUTYL ESTER	123-86-4	9.9758	20C	< 5.0%

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

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
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BOILING RANGE: 125C - 329 deg F WPG (H2O=8.33)10.71 lb/gl
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 408 g/l COATING V.O.C.: 3.41 lb/gl
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR: N/A

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: 27C METHOD USED: TAG CLOSED
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .9 UPPER: 13.1

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.

===== SECTION V - PHYSICAL HAZARDS =====

STABILITY: Stable

CONDITIONS TO AVOID

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

INCOMPATIBILITY (MATERIALS TO AVOID)

Alkaline materials, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon dioxide, carbon monoxide, various hydrocarbons

HAZARDOUS POLYMERIZATION: Will Not Occur

===== 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.

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.

**** CARCINOGENICITY ****

NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: Yes

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.

===== 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**=====

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 **