



MATERIAL SAFETY DATA SHEET

W/B HEAT RESISTANT RED OX PRIMER

Page: 1

Revised Date:

5/5/2008

PRODUCT NAME: W/B HEAT RESISTANT RED OX PRIMER
PRODUCT CODE: 37RF230

HMIS CODES: H F R P
1 0 0 C

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: DREW PAINTS, INC.

ADDRESS : P.O. BOX 29139
: PORTLAND, OREGON 97296-9139

EMERGENCY PHONE : (800) 424-9300

DATE PRINTED : 7/18/2008

INFORMATION PHONE : (503) 227-6497

NAME OF PREPARER : KIEFFER TARBELL

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		mm Hg @ TEMP		
* ETHYLENE GLYCOL MONOBUTYL ETHER OSHA PEL: 50 PPM, ACGIH TLV: 25 PPM	111-76-2	.88	77	2.51
PROPYLENE GLYCOL N-BUTYL ETHER OSHA PEL: NO RELEVANT INFORMATION FOUND FROM CHEMICAL MANUFACTURER NTP: NOT LISTED IARC: NOT LISTED	5131-66-8	.85	20°C	.75

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. Ü
Indicates Hazardous Air Pollutants according to the 1990 Clear Air Act Amendments regulated under Section 112, as published by Oregon Department of Environmental Quality, January 1994.

N.E. - NOT ESTABLISHED

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: > 212° F

SPECIFIC GRAVITY (H2O=1): 1.25

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

** COATING V.O.C.: 0.73 lb/g1

** MATERIAL V.O.C.: 0.36 lb/g1

SOLUBILITY IN WATER: DILUTABLE

APPEARANCE AND ODOR: OPAQUE LIQUID, SLIGHT ODOR OF COSOLVENT

** COATING V.O.C.= "AS SUPPLIED" VOC (CALCULATED VOC MINUS WATER AND EXEMPT SOLVENTS).

** MATERIAL V.O.C.IS USED TO CALCULATE MASS EMISSIONS TO VERIFY COMPLIANCE WITH APPLICABLE MASS LIMITS.

"AS APPLIED" V.O.C.= "AS SUPPLIED" VOC WHEN THE COATING IS NOT THINNED OR IS THINNED WITH WATER (OR EXEMPT SOLVENT).

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: T.C.C.

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES



MATERIAL SAFETY DATA SHEET

W/B HEAT RESISTANT RED OX PRIMER

Page: 2

Revised Date:

5/5/2008

SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE TO PROTECT AGAINST THE HAZARDOUS EFFECTS OF NORMAL PRODUCTS OF COMBUSTION OR OXYGEN DEFICIENCY.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE DUE TO PRESSURE BUILD-UP OF STEAM EXPOSED TO EXTREME HEAT. MATERIAL CAN SPLATTER ABOVE 100C /212F. POLYMER FILM CAN BURN.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID

EXCESSIVE TEMPERATURES. AVOID HEAT, SPARKS, OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

THERMAL DECOMPOSITION MAY YIELD CARBON DIOXIDE , CARBON MONOXIDE, AND/OR ACRYLIC MONOMERS.

HAZARDOUS POLYMERIZATION: WILL OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EXCESSIVE INHALATION OF VAPORS OR MIST CAN CAUSE NASAL AND RESPIRATORY IRRITATION , DIZZINESS, WEAKNESS, FATGUE, NAUSEA AND HEADACHE. INHALATION OF VERY HIGH CONCENTRATIONS OR PROLONGED EXPOSURE MAY CAUSE COMA, UNCONSCIOUSNESS OR DEATH.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EXPOSURE WITH MATERIAL MAY CAUSE MODERATE EYE IRRITATION. SYMPTOMS MAY INCLUDE: TEARING, REDNESS AND STINGING SENSATION EXPOSURE MAY CAUSE DRYING OF THE SKIN WITH MILD IRRITATION. SYMPTOMS MAY INCLUDE: REDNESS, BURNING SENSATION, OR DRYING

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED EXPOSURE MAY RESULT IN THE ABSORPTION OF HARMFUL MATERIAL.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING THE LIQUID MAY CAUSE VOMITING, GASTROINTESTINAL IRRITATION, NAUSEA, AND DIARRHEA . IF VOMITING OCCURS SPONTANEOUSLY, DO NOT ALLOW VOMITUS TO BE BREATHED INTO THE LUNGS AS EVEN A SMALL AMOUNT IN THE LUNGS CAN CAUSE EXTREME DANGER

HEALTH HAZARDS (ACUTE AND CHRONIC)

N/A

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes

THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.



MATERIAL SAFETY DATA SHEET

W/B HEAT RESISTANT RED OX PRIMER

Page: 3

Revised Date:

5/5/2008

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PERSONS WITH PRE-EXISTING DERMATITIS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT- FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15 MINUTES. WASH AFFECTED SKIN THOROUGHLY WITH SOAP AND WATER.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. EQUIP EMPLOYEES WITH APPROPRIATE PROTECTION. DIKE AROUND SPILLED MATERIAL. COVER SPILL WITH ABSORBANT MATERIAL AND SHOVEL INTO CONTAINERS. SEAL CONTAINERS AND REMOVE TO SAFE AREA.

WASTE DISPOSAL METHOD

WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATORY CONTROLS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

PROTECT AGAINST PHYSICAL DAMAGE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. DO NOT CUT, GRIND WELD OR DRILL ON OR NEAR THIS CONTAINER. DO NOT FREEZE. THE MINIMUM RECOMMENDED STORAGE TEMPERATURE IS 38F. MAXIMUM RECOMMENDED STORAGE TEMPERATURE IS 130F.

OTHER PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON LABEL.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

NIOSH APPROVED CANNISTER RESPIRATOR IN THE ABSENCE OF ADEQUATE ENVIRONMENTAL CONTROLS AT THE POINT OF USE.

VENTILATION

LOCAL EXHAUST MUST BE SUFFICIENT TO KEEP AIRBORNE VAPOR CONCENTRATIONS BELOW TLV LIMIT.

PROTECTIVE GLOVES

CHEMICAL RESISTANT GLOVES.

EYE PROTECTION

CHEMICAL GOGGLES/SAFETY GLASSES SHOULD BE WORN. EYE WASH SHOULD BE NEARBY AND READY FOR USE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING & BOOTS.

WORK/HYGIENIC PRACTICES

WASH SKIN AND CLOTHES FREQUENTLY

SECTION IX - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. DREW PAINTS, INC. MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA. DREW PAINTS FURTHER ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS, OR THIRD PARTIES CAUSED BY THIS MATERIAL.