

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

ECO-THANE H2O BORNE URETHANE

Page: 1

PRODUCT NAME: ECO-THANE H2O BORNE URETHANE
PRODUCT CODE: 0024-100

HMIS CODES: H F R P
 0 0 0 F

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Kelly-Moore Paint Company
ADDRESS : 987 Commercial Street
 San Carlos, CA 94070
EMERGENCY PHONE : 1-800-424-9300
INFORMATION PHONE : 1-800-874-4436

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
TITANIUM DIOXIDE	13463-67-7		20.2
PEL(OSHA): 15 mg/m3, total dust, 8 HR.	TWA		
TLV(ACGIH): 10 mg/m3, total dust, 8 Hr.	TWA, A4		
PROPYLENE GLYCOL MONOBUTYL ETHER	5131-66-8		2.5

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

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

BOILING POINT: 444 deg F SPECIFIC GRAVITY (H2O=1): 1.19
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: LOWER THAN ETHER
COATING V.O.C.: 199 g/l MATERIAL V.O.C.: 98 g/l
SOLUBILITY IN WATER: MODERATE IN WATER
APPEARANCE AND ODOR: MILKY WHITE TO VARIOUS COLORS WITH A FAINT AMMONIA ODOR

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

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER
SPECIAL FIREFIGHTING PROCEDURES:
FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED TO PROTECT FROM COMBUSTION BY-PRODUCTS. COOL CLOSED CONTAINERS WITH WATER FOG TO PREVENT PRESSURE BUILDUP.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE REASONABLY FORESEEABLE.

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

STABILITY: STABLE
CONDITIONS TO AVOID: NONE REASONABLY FORESEEABLE.
INCOMPATIBILITY (MATERIALS TO AVOID): NONE REASONABLY FORESEEABLE .
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OXIDES OF CARBON.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
NOT NORMALLY A HAZARD UNLESS SPRAYED. OVERSPRAY AND SPRAY MISTS ARE PRIMARILY CONSIDERED NUISANCE DUSTS. PIGMENTS ARE NOT NORMALLY CONSIDERED HAZARDOUS WHEN PRESENT IN A PRODUCT MIXTURE.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN IRRITATION WITH DISCOMFORT AND DERMATITIS. MAY CAUSE IRRITATION OR BURNING OF THE EYES.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
NONE REASONABLY FORESEEABLE.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
IF INGESTED MAY CAUSE GASTRO-INTESTINAL DISTRESS.
HEALTH HAZARDS (ACUTE AND CHRONIC):
CONTAINS SOME SOLVENTS. SOME SOLVENTS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, CARDIOPULMONARY FAILURE, LIVER AND KIDNEY DAMAGE AND BIRTH DEFECTS. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. UNDER NORMAL CONSUMER USE CONDITIONS THE LIKELIHOOD OF ANY ADVERSE HEALTH EFFECTS ARE LOW.
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No
NO INFORMATION FOUND.

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ECO-THANE H2O BORNE URETHANE

Page: 2

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER FOR AT LEAST FIFTEEN MINUTES. CALL A PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH EXPOSED AREA WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING DIFFICULTY PERSISTS OR OCCURS LATER, CONSULT A PHYSICIAN. IN THE UNLIKELY EVENT OF INGESTION DRINK A GLASS OF WATER AND CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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

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

VENTILATE AREA. PREVENT SKIN CONTACT AND BREATHING OF VAPOR. CONFINE AND REMOVE WITH INERT ABSORBENT MATERIALS. DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER.

WASTE DISPOSAL METHOD:

DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATORY REQUIREMENTS. DO NOT INCINERATE IN CLOSE CONTAINERS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OBSERVE LABEL PRECAUTIONS. KEEP CLOSURES TIGHT WHEN NOT IN USE. STORE IN AN UPRIGHT POSITION TO PREVENT LEAKAGE. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING. DO NOT EXCEED STORAGE BETWEEN 40 Deg.F AND 120 Deg.F KEEP AND STORE OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS:

DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT WEARING A NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION:

FOR BRUSH AND ROLLER APPLICATION, RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED. FOR SPRAY APPLICATION, A PROPERLY FITTED VAPOR/PARTICULATE NIOSH/MSHA APPROVED RESPIRATOR IS RECOMMENDED.

VENTILATION:

SUFFICIENT IN PATTERN AND VOLUME TO KEEP VAPORS BELOW APPLICABLE OSHA REQUIREMENTS.

PROTECTIVE GLOVES: SOLVENT IMPERVIOUS GLOVES.

EYE PROTECTION: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

SAFETY SHOWER AND EYE BATH. COVERALLS ARE RECOMMENDED. A SOLVENT IMPERVIOUS APRON IS RECOMMENDED IF BODY CONTACT MAY OCCUR.

WORK/HYGIENIC PRACTICES:

WASH CONTAMINATED CLOTHING BEFORE REUSE. PERIODIC MONITORING OF EXPOSURE LEVELS/LIMITS IS RECOMMENDED.

===== SECTION IX - OTHER INFORMATION =====

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM. THIS KELLY-MOORE PRODUCT CONTAINS DETECTABLE AMOUNTS OF ONE OR MORE OF THE CHEMICALS IDENTIFIED ON THE STATE OF CALIFORNIA PROPOSITION 65 LIST. THESE CHEMICALS ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. UNLESS THE CHEMICALS ARE SPECIFICALLY IDENTIFIED ON THE PRODUCT LABEL AND OR MATERIAL SAFETY DATA SHEET, THEY ARE PRESENT AS TRACE CONTAMINANTS ONLY. AS TRACE CONTAMINANTS, KELLY-MOORE AND IT'S SUPPLIERS BELIEVE THAT THE CHEMICALS DO NOT POSE A SIGNIFICANT HEALTH RISK WHEN THE PAINT PRODUCTS ARE APPLIED OR USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND PRECAUTIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE. IT IS TRUE & ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM & MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY & COMPLETENESS TO ASSURE PROPER USE & DISPOSAL.