

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

ZONE MARKING PAINT ALKYD RED

PRODUCT NAME: ZONE MARKING PAINT ALKYD RED
PRODUCT CODE: 0033-382

HMIS CODES: H F R P
2 3 0 I

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

Table with 5 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE mm Hg @ TEMP, WEIGHT PERCENT. Rows include LIGHT ALIPHATIC SOLVENT NAPHTHA, VM&P NAPHTHA, and XYLENE (MIXED ISOMERS).

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 195 deg F
VAPOR DENSITY: HEAVIER THAN AIR
COATING V.O.C.: 401 g/l
SPECIFIC GRAVITY (H2O=1): 1.35
EVAPORATION RATE: LOWER THAN ETHER
MATERIAL V.O.C.: 401 g/l

SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR: CLEAR AND PIGMENTED COATINGS WITH CHARACTERISTIC ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 55 Deg F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 7
EXTINGUISHING MEDIA: USE APPROVED CLASS B FIRE EXTINGUISHER OR EXTINGUISHING
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:

KEEP CONTAINERS TIGHTLY CLOSED. VAPOR IS DENSER THAN AIR AND CAN TRAVEL AND COLLECT IN LOW SPOTS. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES. CAN CAUSE SPONTANEOUS COMBUSTION. (CONTAMINATED RAGS, ETC.)

SECTION V - REACTIVITY DATA

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

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING STEPS: HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION AND UNCONSCIOUSNESS.
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:
REDNESS OF SKIN WITH A BURNING SENSATION.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
IF INGESTED MAY CAUSE GASTRO-INTESTINAL DISTRESS.
HEALTH HAZARDS (ACUTE AND CHRONIC):
OVEREXPOSURE TO 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. OVERSPRAY/MISTS ARE PRIMARILY CONSIDERED NUISANCE DUST. PIGMENTS ARE NOT NORMALLY CONSIDERED HAZARDOUS IN A MIX.

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CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No
NO INFORMATION FOUND.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING CONDITIONS INVOLVING SKIN, LIVER, KIDNEY, AND PULMONARY DISORDERS.

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. REMOVE ALL SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPORS. CONFINE AND REMOVE WITH INERT ABSORBENT MATERIAL. USE SPARK PROOF TOOLS.

WASTE DISPOSAL METHOD:

DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. ABSORB LARGE SPILLS WITH INERT ABSORBENT MATERIAL. 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 AWAY FROM EXCESSIVE HEAT, SPARKS AND OPEN FLAME. KEEP CLOSURES TIGHT WHEN NOT IN USE. STORE IN AN UPRIGHT POSITION TO PREVENT LEAKAGE. GROUND CONTAINERS WHEN POURING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING. DO NOT STORE ABOVE 100 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. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTY CONTAINERS RETAIN RESIDUES, ALL HAZARD PRECAUTIONS MUST BE OBSERVED. WHEN SPRAYING THIS MATERIAL KEEP SPRAY BOOTH CLEAN. AVOID BUILDUP OF SPRAY DUST OR OVERSPRAY IN BOOTH OR DUCTS.

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

RESPIRATORY PROTECTION:

PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY OSHA/MSHA.

VENTILATION:

SUFFICIENT IN PATTERN AND VOLUME TO KEEP VAPORS BELOW APPLICABLE OSHA REQUIREMENTS. USE EXPLOSION-PROOF MECHANICAL DEVICE IF REQUIRED.

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.