

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

PRODUCT CODE: 6610700

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PRODUCT NAME: Q/D METAL PRIMER WHITE
 PRODUCT CODE: 6610700

HMIS CODES: H C F R P
 2 3 0 G

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

MANUFACTURER'S NAME: Frazee Industries
 ADDRESS : 6625 Miramar Rd.
 San Diego, CA, 92121
 INFORMATION PHONE : 858-626-3600 DATE PRINTED : 1/27/2005
 EMERGENCY PHONE: (619) 543-6000 (SAN DIEGO REGIONAL POISON CONTROL CENTER)

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
SOLVENT NAPHTHA LIGHT ALIPHATIC OSHA PEL: N/E, ACGIH TLV: TWA=300PPM, OTHER: STEL400PPM	64742-89-8	40	68 F	12
ALIPHATIC HYDROCARBONS (STODDARD TYPE) OSHA PEL/TWA; 100PPM ACGIH TLV/TWA; 100PPM	8052-41-3	3.0	68	8
N-BUTYL ACETATE OSHA: TWA=150 PPM, STEL=200 PPM, ACGIH: TWA=150 PPM, STEL=200 PPM	123-86-4	8	68	7
BUTANOL OSHA & ACGIH: TWA=50 PPM CEILING (SKIN)	71-36-3	4.4	68	6
*ZINC OXIDE OSHA PEL: 10 MG/M3 (TOTAL), 5 MG/M3 (RESP), ACGIH TLV: 10 MG/M3 (TOTAL)	1314-13-2	N/A	N/A	4
BARIUM SULFATE OSHA: 10 MG/M3 (TOTAL DUST), ACGIH: 10 MG/M3 (TOTAL DUST)	7727-43-7	N/A	N/A	4
*ETHYLENE GLYCOL N-BUTYL ETHER OSHA PEL: TWA=50 PPM, ACGIH TLV: TWA=25 PPM, OTHER: N/E	111-76-2	.6	68	4
XYLENE OSHA PEL: 100 PPM, ACGIH: 100 PPM	1330-20-7	6.1	68	1

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

PROPOSITION 65: (+) See section VI

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

BOILING POINT: 200.0 deg F	SPECIFIC GRAVITY (H2O=1): 1.26
VAPOR DENSITY: HEAVIER THAN AIR	EVAPORATION RATE: SLOWER THAN ETHER
COATING VOC g/Lt 497.3	MATERIAL VOC g/Lt 496.7
#VOC/#SOLIDS 0.6568	
SOLUBILITY IN WATER: NEGLIGIBLE	
APPEARANCE AND ODOR: VISCOUS LIQUID. HYDROCARBONS ODOR.	

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

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FLASH POINT: 22.00

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0

UPPER: 11.2

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

SPECIAL FIREFIGHTING PROCEDURES: DO NOT USE WATER EXCEPT IN THE FORM OF A FOG, EXCLUDE AIR, SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED; CONSULT LOCAL FIRE MARSHALL.

FIRE CODE CLASSIFICATION:

COMBUSTIBLE: N/A

FLAMMABLE: CLASS IB

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPOR FORMS EXPLOSIVE MIXTURE WITH AIR BETWEEN UPPER AND LOWER EXPLOSIVE LIMITS, DO NOT OPEN OR USE NEAR ANY FLAME OR SPARK SOURCE; (SEE SECTION VII FOR STATIC GROUNDING)

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

STABILITY: STABLE

CONDITIONS TO AVOID

NEVER USE NEAR TO AN OPEN FLAME. EXCESS HEAT MAY CAUSE CONTAINERS TO RUPTURE

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CO, CO2, VARIOUS HYDROCARBONS, ETC., BY COMBUSTION.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DIZZINESS, BREATHING DIFFICULTY, HEADACHES AND LOSS OF COORDINATION; IF THERE ARE SIGNS OF OVEREXPOSURE TO VAPOR OR MIST OF THE SOLVENTS IN THIS MATERIAL, MOVE THE INDIVIDUAL TO AN UNCONTAMINATED AREA AND GET MEDICAL ATTENTION.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE; INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

USE GOOD PERSONAL HYGIENE PRACTICES WHILE WORKING WITH THIS MATERIAL. DRY CONTAMINATED CLOTHING BEFORE REUSE. FOR EYE CONTACT, FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THIS MATERIAL IS NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. HOWEVER, IRRITATION MAY BE NOTED FOLLOWING PROLONGED OR FREQUENTLY REPEATED CONTACT WHICH MAY CAUSE THE SKIN TO BECOME DRY OR CRACKED FROM DEFATTING ACTION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY BE HARMFUL OR FATAL IF SWALLOWED. INGESTION MAY CAUSE NAUSEA, VOMITING, DIARRHEA AND GASTROINTESTINAL IRRITATION. CONSULT A PHYSICIAN.

HEALTH HAZARDS (ACUTE AND CHRONIC)

TO SKIN: IRRITATION, DEFATTING, DERMATITIS.

TO EYES: REDNESS, TEARING AND BLURRED VISION.

TO BREATHING: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL RESPIRATORY IRRITATION, DIZZINESS, FATIGUE, HEADACHE AND NAUSEA.

CARCINOGENICITY: NTP CARCINOGEN: N/A IARC MONOGRAPHS: N/A OSHA REGULATED: N/A

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PROPOSITION 65:N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVEREXPOSURE TO VAPORS CAN CAUSE HEADACHES, DIZZINESS AND NAUSEA.

EMERGENCY AND FIRST AID PROCEDURES

DERMAL: CLEAN WITH SOAP AND WATER.

INGESTION: HARMFUL OR FATAL. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR.

EYE CONTACT: FLUSH WITH WATER. CONSULT A PHYSICIAN.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WIPE UP IMMEDIATELY AND SAFELY DISCARD ABSORBANTS. IN THE EVENT OF LARGE SPILLS, DIKE THE AREA AND PUMP THE MATERIAL TO AN EPA PERMITTED WASTE TANK.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS CURRENTLY IN FORCE FOR THIS PRODUCT HAZARD CLASS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

TOOLS TO OPEN ANY CONTAINER MUST BE NON-SPARKING. PRIOR TO OPENING CONTAINER, ELECTROSTATIC BONDING BETWEEN DISPENSING AND RECEIVING CONTAINER MUST BE ACCOMPLISHED. IN ADDITION, ELECTROSTATIC GROUNDING OF THE CONTAINERS MUST BE PROVIDED. AVOID PROLONGED BREATHING OF VAPORS. AVOID PROLONGED OR REPEATED SKIN CONTACT

OTHER PRECAUTIONS

AVOID ALL SOURCES OF HEAT, OPEN FLAMES, SPARKS AND STATIC ELECTRICITY.

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

RESPIRATORY PROTECTION:NONE REQUIRED IF AIRBORNE CONCENTRATIONS ARE MAINTAINED BELOW THE OCCUPATIONAL EXPOSURE LIMITS LISTED IN SECTION II. FOR AIRBORNE CONCENTRATIONS HIGHER THAN SUCH LIMITS WEAR A MSHA/NIOSH APPROVED MASK FOR ORGANIC VAPOR, DUST, MIST & FUMES. WHEN USING IN POORLY VENTILATED AND CONFINED SPACES USE A FRESH-AIR SUPPLYING OR SELF-CONTAINED BREATHING APPARATUS.

VENTILATION:MAINTAIN GOOD VENTILATION TO KEEP PRODUCT VAPOR CONCENTRATIONS BELOW SPECIFIED THRESHOLD LIMIT VALUES.

PROTECTIVE GLOVES:NEOPRENE GLOVES SHOULD BE WORN TO REDUCE THE EFFECTS OF SKIN OVER-EXPOSURE.

EYE PROTECTION:GOGGLES OR FACE SHIELD ARE RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR PROTECTIVE CLOTHING AND BOOTS.

WORK/HYGIENIC PRACTICES:EYE WASHES & SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED, AS WELL AS BARRIER CREAMS, DAILY SHOWERS & CHANGE OF CLOTHES.

===== **SECTION IX - DISCLAIMER** =====

NOTICE: TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS ACCURATE. HOWEVER, WE DO NOT GUARANTEE ITS ACCURACY AND CANNOT BE LIABLE FOR ANY DAMAGES ACTUAL OR CONSEQUENTIAL WHICH MIGHT RESULT FROM RELIANCE THEREON.