





**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

USE ONLY WITH VENTILATION THAT KEEPS SECTION II COMPONENTS BELOW PERMISSABLE EXPOSURE LIMITS. KEEP CONTAINERS UPRIGHT AND SEALED. AVOID STORAGE ABOVE 120 Deg.F. KEEP FROM FREEZING.

**OTHER PRECAUTIONS**

AVOID SKIN AND EYE CONTACT. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. DUST FROM SANDING THE DRIED MATERIAL SHOULD BE TREATED AS NUISANCE DUST - THE USE OF A PARTICULATE DUST MASK IS RECOMMENDED. ALL PERSONS WHO USE THIS MATERIAL SHOULD READ AND UNDERSTAND ALL MANUFACTURERS' INSTRUCTIONS AND PRECAUTIONS PRIOR TO USE. THIS MATERIAL IS INTENDED FOR USE IN AN INDUSTRIAL ENVIRONMENT BY TRAINED PERSONNEL ONLY.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION=====

**EXPOSURE LIMITS ON**

**REPORTABLE COMPONENTS**

**CAS NUMBER**

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PROPYLENE GLYCOL

57-55-6

OSHA PEL EXPOSURE LIMIT: N/A

ACGIH TLV EXPOSURE LIMIT: N/A

OTHER EXPOSURE LIMIT: N/A

\* RED DYE COLOR (organic chromium 3 compound)

**RESPIRATORY PROTECTION**

PROVIDE SUFFICIENT MECHANICAL (GENERAL OR LOCAL) VENTILATION TO KEEP SECTION III COMPONENTS BELOW THEIR EXPOSURE LIMITS. IF VENTILATION CANNOT KEEP SECTION III COMPONENTS BELOW THEIR EXPOSURE LIMITS, THEN A NIOSH/OSHA APPROVED MECHANICAL / CHEMICAL RESPIRATOR FOR USE WITH ORGANIC SOLVENTS MAY BE USED (CONSULT INDUSTRIAL HYGIENIST).

**VENTILATION**

SUFFICIENT TO KEEP SECTION III COMPONENTS BELOW THEIR EXPOSURE LIMITS

**PROTECTIVE GLOVES**

IMPERVIOUS GLOVES ARE RECOMMENDED (CONSULT INDUSTRIAL HYGIENIST).

**EYE PROTECTION**

SAFETY GLASSES WITH SIDE SHIELDS ARE RECOMMENDED TO PREVENT CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

EYE WASH STATION. TO PREVENT REPEATED OR PROLONGED CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

**WORK/HYGIENIC PRACTICES**

WASH HANDS BEFORE EATING.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

**BOILING RANGE: 212 - 250 Deg F**

**SPECIFIC GRAVITY (H2O=1): 1.03**

**VAPOR DENSITY: HEAVIER THAN AIR**

**EVAPORATION RATE: SLOWER THAN ETHER**

**SOLUBILITY IN WATER: COMPLETE**

**APPEARANCE AND ODOR: OPAQUE LIQUID WITH SLIGHT AMMONIA & GLYCOL ETHER ODOR**

**REPORTABLE COMPONENTS**

**CAS NUMBER**

**VAPOR PRESSURE  
MM HG @ TEMP**

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PROPYLENE GLYCOL

57-55-6

0.08      68 Deg F

\* RED DYE COLOR (organic chromium 3 compound)

===== SECTION X - STABILITY AND REACTIVITY =====

**STABILITY**

STABLE UNDER NORMAL CONDITIONS

**CONDITIONS TO AVOID**

CONTAMINATION WITH ACIDIC MATERIALS, HEAT, DIRECT SUNLIGHT, STRONG OXIDIZING CONDITIONS, AND FREEZING CONDITIONS.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

STRONG ACIDS AND BASES

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

**HAZARDOUS POLYMERIZATION**

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

NASAL AND RESPIRATORY IRRITATION, POSSIBLE DIZZINESS OR NAUSEA.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

EYES: PRIMARY IRRITATION, TEARING AND REDNESS. SKIN: POSSIBLE IRRITATION.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

MODERATE IRRITATION, REDNESS.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SINGLE DOSE ORAL TOXICITY OF PRODUCT IS LOW.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

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

THIS MATERIAL IS NOT EXPECTED TO BE CARCINOGENIC IN HUMANS BASED ON NEGATIVE EVIDENCE OF CARCINOGENICITY IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA. SEE OTHER WARNINGS IN SECTION II. SUSPECTED OF CAUSING CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND

MOBILITY IN SOIL: NO RELEVANT DATA FOUND

OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

**WASTE DISPOSAL METHOD**

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

**DOT / TDG / MEX**  
NOT REGULATED

**IATA / IMDG / IMO**  
NOT REGULATED

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

**SARA 313 HAZARDOUS CATEGORIZATION**

ACUTE HEALTH HAZRD	NO
CHRONIC HEALTH HAZARD	YES
FIRE HAZARD	NO
SUDDEN RELEASE OF PRESSURE HAZRD	NO
REACTIVE HAZRD	NO

**STATE REGULATIONS: CALIFORNIA PROPOSITION 65**

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== **SECTION XVI - OTHER INFORMATION** =====

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