

CROSSFIELD PRODUCTS CORP.  
MATERIAL SAFETY DATA SHEET

PAGE 1 OF 3

SECTION 1: PRODUCT INFORMATION CODE: 7077, 7079

MANUFACTURER'S NAME / ADDRESS

**CROSSFIELD PRODUCTS CORP.**  
3000 E. HARCOURT ST.  
RANCHO DOMINGUEZ, CA 90221  
(310) 886-9100 (8:00a.m. to 5:00p.m. pacific time)  
140 VALLEY RD.  
ROSELLE PARK, NJ 07204  
(908) 245-2800 (8:00 a.m. to 5:00 p.m. eastern time)  
(800) 424-9300 (CHEMTREC)

**TRADE NAME:** ML PRIMER, `A` COMPONENT  
**CHEMICAL FAMILY:** MODIFIED EPOXY RESIN  
**INTENDED USE:** SPECIALTY FLOORING RESIN  
**WHMIS CLASSIFICATION:** D-2B

**INITIAL ISSUE DATE:** FEBRUARY 9,2002 **REVISION DATE:** **PREPARED BY:** J. W. ESSIG

SECTION 2: HAZARDOUS INGREDIENTS

<b>INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
(CHLOROMETHYL)OXIRANE, 4,4'-1-METHYLETHYLIDENE		
BISPHENOL COPOLYMER	35-40	025068-38-6
METHOXYPROPANOL	3-7	000107-98-2
BENZYL ALCOHOL	1-5	000100-51-6
POLYETHYLENE GLYCOL, DIGLYCIDYL BISPHENOL A POLYMER	1-5	037225-26-6

**EXPOSURE LIMITS (ppm)**

<b>INGREDIENTS (CAS)</b>	<b>OSHA</b>		<b>ACGIH</b>		<b>OTHER</b>
	<b>TWA</b>	<b>STEL</b>	<b>TWA</b>	<b>STEL</b>	
025068-38-6	NE	NE	NE	NE	
000107-98-2	100	150	100	150	
000100-51-6	NE	NE	NE	NE	
037225-26-6	NE	NE	NE	NE	

**LEGEND:** (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK  
VOC: COMPONENT = <83 grams/liter (CARB) AS APPLIED: <57 grams/liter (CARB)

SECTION 3: PHYSICAL DATA

**BOILING POINT:** >100<sup>0</sup> C (212<sup>0</sup> F) **SPECIFIC GRAVITY:** 1.06  
**VAPOR PRESSURE:** ND **MELTING POINT:** ND  
**VAPOR DENSITY:** >1 **EVAPORATION RATE:** <1  
(AIR = 1) (BUTYL ACETATE = 1)  
**SOLUBILITY IN WATER:** MISCIBLE **pH:** 6-7 (100g/l H<sub>2</sub>O)  
**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND  
**APPEARANCE AND ODOR:** WHITISH LIQUID WITH SLIGHT ODOR.  
**ODOR THRESHOLD:** NE

SECTION 4: FIRE AND EXPLOSION HAZARD

**FLASH POINT:** >100<sup>0</sup> C (212<sup>0</sup> F)  
**CONDITIONS OF FLAMMABILITY:** NA  
**FLAMMABLE LIMITS:** **LEL:** NA **UEL:** NA  
**OSHA CLASS:** III B  
**AUTO IGNITION TEMP.:** NA  
**HAZARDOUS COMBUSTION PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES  
**SENSITIVITY TO IMPACT:** NONE  
**SENSITIVITY TO STATIC DISCHARGE:** NONE  
**EXTINGUISHING MEDIA:** WATER SPRAY, CO<sub>2</sub>, DRY CHEMICAL  
**SPECIAL FIRE FIGHTING PROCEDURES:** NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTANED BREATHING APPARATUS SHOULD BE WORN.  
**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** NONE KNOWN.  
(NA= NOT APPLICABLE) (NE=NOT ESTABLISHED) (ND= NO DATA)

PRODUCT: ML PRIMER `A` COMP.

CODE: 7077,7079

PAGE 2 OF 3

SECTION 5 : HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY:** INHALATION, SKIN ABSORPTION, EYE CONTACT.

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

EYES: ACUTE – NO SPECIFIC DATA. MAY CAUSE IRRITATION REDNESS, PAIN & TEARING.

CHRONIC – MAY CAUSE CLOUDING OF CORNEA WITH REPEATED CONTACT.

SKIN CONTACT: ACUTE – TRANSIENT IRRITATION, REDNESS AND DISCOMFORT.

CHRONIC – REPEATED OR PROLONGED CONTACT MAY CAUSE ALLERGIC REACTION/SENSITIZATION.

SKIN ABSORPTION: ACUTE – NO SPECIFIC DATA. CONTAINS COMPONENTS WHICH CAN BE ADSORBED.

CHRONIC – COMPONENTS MAY CAUSE CENTRAL NERVOUS DEPRESSION.

INHALATION: ACUTE – NO SPECIFIC DATA. MAY CAUSE IRRITATION OF RESPIRATORY TRACT, HEADACHE AND DIZZINESS.

CHRONIC – PROLONGED EXPOSURE MAY CAUSE SENSITIZATION AND ALLERGIC REACTIONS.

INGESTION: ACUTE – NO SPECIFIC DATA. COMPONENTS HAVE LOW ORDER OF TOXICITY.

CHRONIC – NO SPECIFIC DATA.

**CONDITIONS AGGRAVATED BY EXPOSURE:** SKIN DISORDERS AND ALLERGIES.

**CARCINOGENIC DATA:** THIS PRODUCT CONTAINS NO CARCINOGENS IN CONCENTRATIONS OF 0.1% OR GREATER.

TERATOGENICITY: ND

MUTAGENICITY: ND

EMBRYOTOXICITY: YES

SYNERGISTIC MATERIAL: ND

**OVEREXPOSURE EFFECTS:** LACRIMATION OF EYES, SKIN IRRITATION, DIZZINESS.

IRRITANCY: YES

SENSITIZER: YES

**EMERGENCY AND FIRST AID PROCEDURES:**

GENERAL: REMOVE PERSON FROM AFFECTED AREA AND MAKE COMFORTABLE. TREAT SYMPTOMATICALLY.

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: REMOVE PRODUCT AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. GIVE ASSISTED RESPIRATION IF BREATHING HAS STOPPED OR IS LABORED (CALL A PHYSICIAN).

INGESTION: GIVE 3 – 4 GLASSES OF WATER OR MILK IF PERSON CONSCIOUS. **DO NOT INDUCE**

**VOMITING!** OBTAIN MEDICAL CARE AND TREATMENT.

**ACUTE TOXICITY EFFECTS:** ORAL LD<sub>50</sub>: 5660 mg/kg (Rats); DERMAL LD<sub>50</sub>: 13g/kg (Rabbit); INHALATION: ND

**STABILITY:** STABLE.

SECTION 6: REACTIVITY DATA

**CONDITIONS TO AVOID:** NOT APPLICABLE (MATERIAL IS STABLE).

**INCOMPATIBILITY (MATERIAL TO AVOID):** OXIDIZING AGENTS (PERCHLORATES, NITRATES), STRONG ACIDS, HYPOCHLORITES, PEROXIDES.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE.

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR.

SECTION 7: SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE OF MATERIAL IS RELEASED OR SPILLED:** SHUT OFF SOURCES OF IGNITION. COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, WATERWAYS.

**WASTE DISPOSAL METHODS:** INCINERATION IS PREFERRED. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. CHEMICAL AND/OR BIOLOGICAL DEGRADATION IS FEASIBLE.

**ECOLOGICAL INFORMATION:** NOT READILY BIODEGRADABLE.

**ECOTOXICITY:** ND

PRODUCT: ML PRIMER, 'A' COMP.

CODE: 7077, 7079

PAGE 3 OF 3

SECTION 8: SPECIAL PROTECTION INFORMATION

**ENGINEERING CONTROLS:** NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. IF VAPOR CONCENTRATION EXCEEDS 20ppm FOR LONGER THAN 15 MINUTES, A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

**PROTECTIVE GLOVES:** NITRILE RUBBER.

**EYE PROTECTION:** SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES.

**OTHER PROTECTIVE EQUIPMENT:** LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

SECTION 9: HANDLING & STORAGE

**GENERAL:** : KEEP AWAY FROM OXIDIZERS, HEAT OR FLAME. STORE AND HANDLE IN WELL VENTILATED AREAS. KEEP COOL, DRY AND IN CLOSED CONTAINERS.

SECTION 10: SUPPLEMENTAL INFORMATION

<b>HMIS RATING</b>	<b>HEALTH</b>	2	<b>FLAMMABILITY</b>	0	<b>REACTIVITY</b>	0
--------------------	---------------	---	---------------------	---	-------------------	---

**DOT PROPER SHIPPING NAME:** RESIN SOLUTION, NOT REGULATED

**HAZARD CLASS:** IRRITANT. SENSITIZER.

**UN NUMBER:** NA

**PACKING GROUP:** NA

**IMO SHIPPING DATA:** RESIN SOLUTION, NOT REGULATED.

**ICAO/IATA SHIPPING DATA:** RESIN SOLUTION, NOT REGULATED.

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT):** ND

**SARA TITLE III**

SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) AND CHRONIC HEALTH HAZARD.

SECTION 313 LISTED INGREDIENTS: METHOXY PROPANOL (3-7%).

**CALIFORNIA PROPOSITION 65:** The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: NONE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.