

CROSSFIELD PRODUCS CORP.  
MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT INFORMATION CODE:7078, 7080

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, 'B' COMPONENT  
CHEMICAL FAMILY: POLYAMINE SOLUTION  
INTENDED USE: SPECIALTY FLOORING CURATIVE  
WHMIS CLASSIFICATION: D-2B

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SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	Wt. %	CAS Number
ISOPHORONEDIAMINE	1 - 5	002855-13-2

EXPOSURE LIMITS (ppm)

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
002855-13-2	NE	NE	NE	NE	

NOTE: THE REMAINING COMPONENTS ARE TRADE SECRET BY SUPPLIER(S):  
NEW JERSEY REGISTRY NUMBER(S): 678290-00-2-5111-P-RES

LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK

VOC: COMPONENT = 0 grams/liter AS APPLIED: <57 grams/liter

SECTION 3: PHYSICAL DATA

BOILING POINT: >100°C (212°F) SPECIFIC GRAVITY: 1.06  
VAPOR PRESSURE: ND MELTING POINT: ND  
VAPOR DENSITY: >1 EVAPORATION RATE: <1  
(AIR = 1) (BUTYL ACETATE = 1)  
pH: 9-10  
SOLUBILITY IN WATER: MISCIBLE  
COEFFICIENT of WATER/OIL DISTRIBUTION: ND  
APPEARANCE AND ODOR: AMBER LIQUID WITH AMINE ODOR.  
ODOR THRESHOLD: ND

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT: >100°C (212°F) DIN 51758  
CONDITIONS OF FLAMMABILITY: NA  
FLAMMABLE LIMITS: LEL: NA UEL: NA  
OSHA CLASS: III B  
AUTO IGNITION TEMP.: NA  
HAZARDOUS COMBUSTION PRODUCTS: CO, CO<sub>2</sub>, OXIDES OF NITROGEN.  
SENSITIVITY TO IMPACT: NONE  
SENSITIVITY TO STATIC DISCHARGE: NONE  
EXTINGUISHING MEDIA: IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.  
SPECIAL FIRE FIGHTING PROCEDURES: NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN. WATER SPRAY IS USEFUL IN COOLING FIRE-EXPOSED VESSELS AND IN DISPERSING VAPORS.  
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT.

(NA= NOT APPLICABLE) (NE=NOT ESTABLISHED)  
(ND= NO DATA)

SECTION 5: HEALTH HAZARD DATA

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

HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)

EYES: ACUTE – NO SPECIFIC INFORMATION. MAY CAUSE BURNS. VAPOR MAY CAUSE LACRIMATION AND REVERSIBLE CORNEAL EDEMA.

CHRONIC – CONJUNCTIVITIS OR CORNEAL DAMAGE.

SKIN CONTACT: ACUTE – NO SPECIFIC INFORMATION. CAUSES IRRITATION. MAY CAUSE CHEMICAL BURNS.

CHRONIC – MAY CAUSE ALLERGIC REACTION/SENSITIZATION, RASH AND IRRITATION.

SKIN ABSORPTION: ACUTE – ND

CHRONIC – ND

INHALATION: ACUTE – NO SPECIFIC INFORMATION. VAPORS MAY CAUSE DAMAGE TO CONTACTED TISSUE AND PRODUCE SCARRING.

CHRONIC – REPEATED AND/OR PROLONGED EXPOSURES CAN CAUSE TIGHTNESS OF CHEST, SHORTNESS OF BREATH, COUGH AND PULMONARY EDEMA.

INGESTION: ACUTE – MAY CAUSE IRRITATION AND BLEEDING OF THE GASTROINTESTINAL TRACT.

CHRONIC – SCARRING OF THE AFFECTED TISSUES MAY OCCUR.

CONDITIONS AGGRAVATED BY EXPOSURE: ASTHMA; BRONCHITIS, EMPHYSEMA; EYE DISEASE; SKIN DISORDERS AND ALLERGIES.

CARCINOGENIC DATA: NTP: NONE OSHA: NONE IARC: NONE

TERATOGENICITY: NONE LISTED MUTAGENICITY: NONE LISTED

EMBRYOTOXICITY: NONE LISTED SYNERGISTIC MATERIAL: NONE LISTED

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> (rats): >2000mg/kg. NO DATA FOR INHALATION EFFECTS.

SECTION 6: REACTIVITY DATA

STABILITY: STABLE.

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

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS (PEROXIDES, NITRATES), ACIDS.

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:** CAS 002855-13-2 ISOPHORONEDIAMINE; BIODEGRADABLE.

**ECOTOXICITY:** LC<sub>50</sub> (96 hour Zebra Danio) = 0.5 to 1.0 mg/l

**SECTION 8: SPECIAL PROTECTION INFORMATION**

**ENGINEERING CONTROLS:** GENERAL AND LOCAL EXHAUST.

**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**

**HMIS RATING:** HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 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 HEALTH HAZARD.

**SECTION 313 LISTED INGREDIENTS:** NONE.

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

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