

MANUFACTURER'S NAME / ADDRESS**SECTION 1: PRODUCT INFORMATION****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: LT PRIMER, COMPONENT 'B'**CHEMICAL FAMILY:** POLYAMINE SOLUTION**INTENDED USE:** SPECIALTY FLOORING CURATIVE**WHMIS CLASSIFICATION:** 2A, 2B, E

INITIAL ISSUE DATE: DECEMBER 13, 2002 REVISION DATE: JUNE 15, 2004 PREPARED BY: J.W. ESSIG

SECTION 2: HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
BENZENE-1, 3-DIMETHANEAMINE, REACTION PRODUCTS WITH PHENOL/FORMALDEHYDE	60-100	057214-10-5
BENZENE-1, 3-DIMETHANEAMINE	15-40	001477-55-0
PHENOL	7-13	000108-95-2

EXPOSURE LIMITS (ppm)

<u>INGREDIENTS (CAS)</u>	<u>OSHA</u>		<u>ACGIH</u>		<u>OTHER</u>
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
057214-10-5	NE	NE	NE	NE	
001477-55-0	NE	NE	NE	NE	
000108-95-2	5	NE	5	NE	

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

VOC: COMPONENT = 0 gm/Liter AS APPLIED: 0 gm/Liter (PART OF MULTI-COMPONENT SYSTEM)

SECTION 3: PHYSICAL DATA**BOILING POINT:** 235°C (455°F)**SPECIFIC GRAVITY:** 1.12**VAPOR PRESSURE:** ND**MELTING POINT:** 0°C (32°F)**VAPOR DENSITY:** ND (>Air)**EVAPORATION RATE:** ND

(AIR = 1)

(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: <1%**Ph:** NE (ALKALINE)**APPEARANCE AND ODOR:** AMBER VISCOUS LIQUID. PHENOLIC ODOR.**ODOR THRESHOLD:** NE**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND**SECTION 4: FIRE AND EXPLOSION HAZARD****FLASH POINT:** 110°C (230°F) – PENSKEY-MARTIN CLOSED CUP**CONDITIONS OF FLAMMABILITY:** NA**FLAMMABLE LIMITS:** LEL: ND UEL: ND**OSHA CLASS:** III B**AUTO IGNITION TEMP:** ND

(NA= NOT APPLICABLE) (NE=NOT ESTABLISHED)

(ND= NO DATA)

SECTION 4: FIRE AND EXPLOSION HAZARD CON'T.

HAZARDOUS COMBUSTION PRODUCTS: CO; CO₂; NH₃. NITROGEN OXIDES CAN BE PRODUCED IF HEATED, BURNED OR REACTED WITH INCOMPATIBLE MATERIALS.

SENSITIVITY TO IMPACT: ND

SENSITIVITY TO STATIC DISCHARGE: ND

EXTINGUISHING MEDIA: IGNITION MAY GIVE RISE TO A CLASS B FIRE. 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: MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT.

SECTION 5: HEALTH HAZARD DATA

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

HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)

EYES: ACUTE – SEVERE IRRITANT. MAY CAUSE BURNS. VAPOR MAY CAUSE LACRIMATION AND REVERSIBLE CORNEAL EDEMA.

CHRONIC – CONJUNCTIVITIS OR CORNEAL DAMAGE.

SKIN CONTACT: ACUTE – UNDILUTED PRODUCT QUICKLY CAUSES IRRITATION. MAY CAUSE CHEMICAL BURNS.

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

SKIN ABSORPTION: ACUTE -- NE

CHRONIC -- NE

INHALATION: ACUTE – VAPORS MAY CAUSE DAMAGE TO CONTACTED TISSUE AND PRODUCE SCARRING.

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

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. VICTIMS OF MAJOR SKIN AREA CONTACT SHOULD REMAIN UNDER MEDICAL OBSERVATION FOR 24 HOURS.

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 LD₅₀ (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 000108-95-2 PHENOL; BIODEGRADABILITY + 99.5% AT 7 DAYS.**ECOTOXICITY:** ND**SECTION 8: SPECIAL PROTECTION INFORMATION****ENGINEERING CONTROLS:** GENERAL AND LOCAL EXHAUST.**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. APPROPRIATE RESPIRATORY PROTECTION IS REQUIRED WHEN EXPOSURE TO AIRBORNE CONTAMINANTS MAY EXCEED ACCEPTABLE LIMITS. RESPIRATORS SHOULD BE SELECTED AND USED IN ACCORDANCE WITH OSHA, SUBPART I (29 CFR 1910.134)**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****HMS RATING:** HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0**DOT PROPER SHIPPING NAME:** Amines, liquid, corrosive, n.o.s. (BENZENE-1, 3-DIMETHANEAMINE (MXDA)) // 8 // UN2735 // PG II // NAERG Guide No. 153**HAZARD CLASS:** CORROSIVE**UN NUMBER:** UN 2735 **PACKING GROUP:** II**IMO SHIPPING DATA:** : Amines, liquid, corrosive, n.o.s. (BENZENE-1, 3-DIMETHANEAMINE (MXDA)) : 8 : UN2735 ; II ; IMDG PAGE 8103; F.P.110.0 C; PLACARDED CORROSIVE; HAZMAT STCC=4935601.**ICAO/IATA SHIPPING DATA** Amines, liquid, corrosive, n.o.s. (BENZENE-1, 3-DIMETHANEAMINE (MXDA)) // 8 // UN2735 // II // SHIPMENT PER 49 CFR 171.11 // NAERG Guide No. 153.**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:** 108-95-2 PHENOL AT NO MORE THAN 20%**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

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.