

SECTION 1: PRODUCT INFORMATION CODE: 7260, 7262

MANUFACTURER'S NAME / ADDRESS

CROSSFIELD PRODUCTS CORP.
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TRADE NAME: CQ MATRIX II, `A` COMPONENT
CHEMICAL FAMILY: MODIFIED EPOXY RESIN
INTENDED USE: SPECIALTY FLOORING RESIN
WHMIS CLASSIFICATION: D-2B

INITIAL ISSUE DATE: DECEMBER 13, 2002 REVISION DATE: MAY 3, 2004 PREPARED BY: J.W. ESSIG

SECTION 2: HAZARDOUS INGREDIENTS

PRODUCT/INGREDIENTS	Wt. %	CAS Number
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN	40-70	025068-38-6
2-ETHYL HEXYL GLYCIDYL ETHER	7-13	002461-15-6
NONYLPHENOL	15-40	025154-52-3

EXPOSURE LIMITS (ppm)

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
025068-38-6	NE	NE	NE	NE	
002461-15-6	NE	NE	NE	NE	
025154-52-3	NE	NE	NE	NE	

LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK
 NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

VOC: COMPONENT = 0 gms/Liter AS APPLIED (Part of a multi-component system) = 0 gms/Liter

BOILING POINT: >300°C (572°F) **SPECIFIC GRAVITY:** 1.12

SECTION 3: PHYSICAL DATA

VAPOR PRESSURE: <0.1 **MELTING POINT:** ND
VAPOR DENSITY: ND **EVAPORATION RATE:** ND
 (AIR = 1) (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: <0.5% **pH:** ND
COEFFICIENT of WATER/OIL DISTRIBUTION: ND
APPEARANCE AND ODOR: CLEAR TO HAZY AMBER LIQUID, MILD ODOR
ODOR THRESHOLD: ND

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT: >128°C (262°F)
CONDITIONS OF FLAMMABILITY: NA
FLAMMABLE LIMITS: **LEL:** ND **UEL:** ND
OSHA CLASS: III B
AUTO IGNITION TEMP.: ND
HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, ALDEHYDES, ACIDS
SENSITIVITY TO IMPACT: ND
SENSITIVITY TO STATIC DISCHARGE: ND
EXTINGUISHNG MEDIA: : IGNITION MAY GIVE RISE TO A CLASS B FIRE. IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

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

SECTION 4: FIRE AND EXPLOSION HAZARD

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: EYE CONTACT, SKIN CONTACT, INGESTION.

HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)

EYES: ACUTE – MAY CAUSE MILD IRRITATION

CHRONIC – NO DATA (ND)

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

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

SKIN ABSORPTION: ACUTE-- ND

CHRONIC-- ND

INHALATION: ACUTE – INHALATION OF MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING AND CHEST PAIN MAY RESULT.

CHRONIC -- ND

INGESTION: ACUTE – LOW ORDER OF TOXICITY.

CHRONIC -- ND

CONDITIONS AGGRAVATED BY EXPOSURE: SKIN DISORDERS AND ALLERGIES.

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

TERATOGENICITY: ND

MUTAGENICITY: ND

EMBRYOTOXICITY: ND

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 LD₅₀: 11.4g/kg (Rats); DERMAL LD₅₀: >20ml/kg (Rabbit); INHALATION: ND

SECTION 6: REACTIVITY DATA

STABILITY: STABLE.

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.

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

SECTION 7: SPILL OR LEAK PROCEDURES

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: ECO Daphnia Magna: 1-10 mg/l; Bacteria: >100 mg/l

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

SECTION 8: SPECIAL PROTECTION INFORMATION

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 1 REACTIVITY 0

DOT PROPER SHIPPING NAME: RESIN COMPOUND, NOT REGULATED.

HAZARD CLASS: IRRITANT. SENSITIZER.

UN NUMBER: NOT APPLICABLE

PACKING GROUP: NOT APPLICABLE

IMO SHIPPING DATA: RESIN COMPOUND, NOT REGULATED.

ICAO/IATA SHIPPING DATA: RESIN COMPOUND, 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) HEALTH HAZARD.

SECTION 313 LISTED INGREDIENTS: NONE ABOVE de Minimus LEVELS.

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

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