

SECTION 1: PRODUCT INFORMATION

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: COLORFLAKE 'VP', 'A' COMPONENT
CHEMICAL FAMILY: MODIFIED EPOXY RESIN
INTENDED USE: SPECIALTY FLOORING RESIN
WHMIS CLASSIFICATION: D-2B

INITIAL ISSUE DATE: July 31, 2002 **REVISION DATE:** **PREPARED BY:** B. BEACH

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	Wt. %	CAS Number
(CHLOROMETHYL)OXIRANE, 4,4'-1-METHYLETHYLIDENE		
BISPHENOL COPOLYMER	60-100	025068-38-6
ALKYL GLYCIDYL ETHER	10-30	068609-97-2

EXPOSURE LIMITS (ppm)

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
025068-38-6	NE	NE	NE	NE	
068609-97-2	NE	NE	NE	NE	

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

SECTION 3: PHYSICAL DATA

BOILING POINT: >150° C (300° F) **SPECIFIC GRAVITY:** 1.1
VAPOR PRESSURE: ND **MELTING POINT:** ND
VAPOR DENSITY: >1 **EVAPORATION RATE:** <1
(AIR = 1) (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: NEGLIGIBLE
COEFFICIENT of WATER/OIL DISTRIBUTION: ND
APPEARANCE AND ODOR: STRAW COLORED VISCOUS LIQUID, SLIGHT AROMATIC ODOR.
ODOR THRESHOLD: NE

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT: >100° C (212° 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, CO2, 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-CONTAINED BREATHING APPARATUS SHOULD BE WORN.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: NONE KNOWN.

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

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: 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.

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

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

HMIS RATING	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0
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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: NONE

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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