

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

**INITIAL ISSUE DATE:** AUGUST 2,2002      **REVISION DATE:**      **PREPARED BY:** B. BEACH

**SECTION 2: HAZARDOUS INGREDIENTS**

<b>INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
POLYAMINE	10-30	PROPRIETARY*
CALCIUM CARBONATE	10-30	001317-65-3
SILICON DIOXIDE (GROUND SILICA)	10-30	014808-60-7
TITANIUM DIOXIDE	3-7	013463-67-7
IRON OXIDE	1-5	001309-37-1
CARBON BLACK	0.1-1.0	001333-86-4

**EXPOSURE LIMITS (ppm)**

<b>INGREDIENTS (CAS)</b>	<b>OSHA</b>	<b>ACGIH</b>	<b>OTHER</b>
	<b>TWA STEL</b>	<b>TWA STEL</b>	
001317-65-3	15mg/m <sup>3</sup> ND	10mg/m <sup>3</sup> ND	(SEE NOTE 1)
014808-60-7	10mg/m <sup>3</sup> ND (SiO <sub>2</sub> + 2)	0.1mg/m <sup>3</sup> ND	(SEE NOTE 1)
013463-67-7	10mg/m <sup>3</sup> ND	10mg/m <sup>3</sup> ND	(SEE NOTE 1)
001309-37-1	10mg/m <sup>3</sup> ND	10mg/m <sup>3</sup> ND	(SEE NOTE 1)
001333-86-4	3.5mg/m <sup>3</sup> ND	3.5mg/m <sup>3</sup> ND	(SEE NOTE 1)

NOTE: THE REMAINING COMPONENTS ARE TRADE SECRET BY SUPPLIER(S):

\* NEW JERSEY TRADE SECRET REGISTRY NUMBER(S)- 05995500- (HC701U)

NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

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

**VOC: COMPONENT** = 0 grams/liter

**AS APPLIED:** 0 grams/liter

**SECTION 3: PHYSICAL DATA**

**BOILING POINT:** >100°C (212°F)

**VAPOR PRESSURE:** ND

**VAPOR DENSITY:** >1

(AIR = 1)

**SOLUBILITY IN WATER:** MISCIBLE

**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND

**APPEARANCE AND ODOR:** PIGMENTED PASTE WITH AMINE ODOR.

**ODOR THRESHOLD:** ND

**SPECIFIC GRAVITY:** 2.09

**MELTING POINT:** ND

**EVAPORATION RATE:** <1

(BUTYL ACETATE = 1)

**pH:** ALKALINE

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

(ND= NO DATA)

**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.

**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:** SILICA IS LISTED WITH IARC AS A CLASS 2A CARCINOGEN. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG DAMAGE AND CANCER. RISK DEPENDS ON DURATION AND LEVEL OF EXPOSURE.

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

**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.

**SECTION 6: REACTIVITY DATA**

**ACUTE TOXICITY EFFECTS:** ORAL LD<sub>50</sub> (rats): >2000mg/kg. NO DATA FOR INHALATION EFFECTS.

**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:** ND.

**ECOTOXICITY:** ND

**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: 1 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, DELAYED HEALTH HAZARD.

**SECTION 313 LISTED INGREDIENTS:** NONE ABOVE de Minimus LEVELS

**CALIFORNIA PROPOSITION 65:** The below list of compounds are known to the State of California to cause cancer, birth defects or other reproductive harm: 14808-60-7

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