

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.)
(800) 424-9300 (CHEMTREC)

TRADE NAME: COLORPACK "EU"
CHEMICAL FAMILY: PIGMENT DISPERSION
INTENDED USE: TOPCOAT PIGMENT
WHMIS CLASSIFICATION:NONE

INITIAL ISSUE DATE: JULY 12, 2002

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PREPARED BY: J.W.ESSIG

SECTION 2: HAZARDOUS INGREDIENTS

PRODUCT/INGREDIENTS	Wt. %	CAS Number
TITANIUM DIOXIDE	3-7	013463-67-7
IRON OXIDE	1-5	001309-37-1
CARBON BLACK	<0.1	001333-86-4

INGREDIENTS (CAS)	EXPOSURE LIMITS (ppm)				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
013463-67-7	10mg/m ³	ND	10mg/m ³	ND	(SEE NOTE 1)
001309-37-1	10mg/m ³	ND	10mg/m ³	ND	(SEE NOTE 1)
001333-86-4	3.5mg/m ³	ND	3.5mg/m ³	ND	(SEE NOTE 1)

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.

MATERIAL VOC- 0 g/l

COATING VOC- 0 g/l

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

(ND= NO DATA)

SECTION 3: PHYSICAL DATA

BOILING POINT: >200°F**SPECIFIC GRAVITY:** 1.4 – 2.1**VAPOR PRESSURE:** ND**MELTING POINT:** ND**VAPOR DENSITY:** ND**EVAPORATION RATE:** <1

(AIR = 1)

(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: SLIGHT**pH:** ND**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND**APPEARANCE AND ODOR:** PIGMENTED, MOBILE LIQUID. MILD ODOR**ODOR THRESHOLD:** ND

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT 230⁰C (445⁰F)**CONDITIONS OF FLAMMABILITY:** NA**FLAMMABLE LIMITS:** NA**OSHA CLASS:** NON HAZARDOUS**AUTO IGNITION TEMP:** NA**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO₂,**SENSITIVITY TO IMPACT:** ND**SENSITIVITY TO STATIC DISCHARGE:** ND**EXTINGUISHNG MEDIA:** : IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.**SPECIAL FIRE FIGHTING PROCEDURES:** : WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. 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

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 WITH BLURRED VISION.
 CHRONIC -- ND
 SKIN CONTACT: ACUTE -- TRANSIENT IRRITATION AND REDNESS.
 CHRONIC -- ND
 SKIN ABSORPTION: ACUTE -- ND
 CHRONIC -- ND
 INHALATION: ACUTE -- INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.
 CHRONIC -- ND
 INGESTION: ACUTE -- MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT
 CHRONIC -- ND

CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

CARCINOGENIC DATA:

TERATOGENICITY: NO	MUTAGENICITY: NO
EMBRYOTOXICITY: NO	SYNERGISTIC MATERIAL: NO

OVEREXPOSURE EFFECTS:

IRRITANCY: NO
 SENSITIZER: NO

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.
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
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2.
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..
ECOLOGICAL INFORMATION: ND.
ECOTOXICITY:

SECTION 8: SPECIAL PROTECTION INFORMATION

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

RESPIRATORY PROTECTION: IF IT IS POSSIBLE TO GENERATE SIGNIFICANT LEVELS OF VAPORS OR MISTS, A NIOSH APPROVED RESPIRATOR WITH APPROPRIATE CARTRIDGES 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. KEEP COOL, DRY AND IN CLOSED CONTAINERS.

SECTION 10: SUPPLEMENTAL INFORMATION

HMS RATING HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

DOT PROPER SHIPPING NAME: NOT REGULATED BY D.O.T.

HAZARD CLASS: NONE

UN NUMBER: NA

PACKING GROUP: NA

IMO SHIPPING DATA: NOT REGULATED

ICAO/IATA SHIPPING DATA: 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: REPORTING OF THIS PRODUCT NOT REQUIRED

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:

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.