

MATERIAL SAFETY DATA SHEET

ENVIRONMENTAL TECHNOLOGY, INC.
SOUTH BAY DEPOT ROAD
FIELDS LANDING, CA 95537

EMERGENCY PHONE NUMBER: (707) 443-9323

CAT NO'S: 46345, 46345C, 46310, 46310C, 46337, 46337C, 46299, 46299C, 46280, 46280C, 46353, 46353C, 46302, 46302C, 46329, 46329C, 00523, 00523C, 46426, 46426C, 46434, 46434C, 46469, 46469C, 46493, 46493C, 46477, 46477C, 46418, 46418C

TRANSPORTATION EMERGENCY PHONE NUMBER: **CHEMTREC** (800) 424-9300

PRODUCT NAME: CASTIN CRAFT OPAQUE PIGMENT OR TRANSPARENT DYE (Chemco Transparent Dyes)

HMS RATING: HEALTH=2*, FLAMMABILITY=2, REACTIVITY=1 *FOR ACUTE AND CHRONIC HEALTH EFFECTS REFER TO THE DISCUSSION IN SECTION III

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: POLYESTER COLORANT

CHEMICAL FAMILY: PIGMENT GRIND OR SOLVATED DYES

SECTION 2-A. HAZARDOUS INGREDIENTS

| <u>NO.</u> | <u>INGREDIENT NAME</u> | <u>CAS NUMBER</u> | <u>PERCENTAGE</u> |
|------------|----------------------------------------|-------------------|-------------------|
| 1 | DIPROPYLENE GLYCOL MONOMETHYL ETHER | 034580-94-8 | 60%-97% |
| 2 | PIGMENT AND/OR DYE | UNKNOWN | 3%-40% |

THIS MSDS IS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). PROPRIETARY INGREDIENTS ARE CONSIDERED TO BE TRADE SECRETS OF ENVIRONMENTAL TECHNOLOGY, INC. IDENTITIES OF PROPRIETARY INGREDIENTS WILL BE MADE AVAILABLE FOLLOWING THE PROCEDURES SPECIFIED IN THE TRADE SECRET SECTION OF THIS STANDARD.

SECTION 2-B. ACUTE TOXICITY DATA

| <u>NO.</u> | <u>ACUTE ORAL LD50</u> | <u>ACUTE DERMAL LD50</u> | <u>ACUTE INHALATION LC50</u> |
|------------|------------------------|--------------------------|------------------------------|
| 1 | NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE |

SECTION 3. HEALTH INFORMATION

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).
EYE CONTACT: UNKNOWN. SKIN CONTACT: UNKNOWN. INHALATION: UNKNOWN. INGESTION: UNKNOWN.
OTHER HEALTH EFFECTS:
OVEREXPOSURE MAY CAUSE ONE OR MORE OF THE FOLLOWING SYMPTOMS; DIZZINESS, INCOORDINATION, SLIGHT NAUSEA, AND LOSS OF APPETITE.

SECTION 4. OCCUPATIONAL EXPOSURE LIMITS

| <u>NO.</u> | <u>OSHA PEL/TWA</u> | <u>PEL/CEILING</u> | <u>ACGIH TLV/TWA</u> | <u>TLV/STEL</u> | <u>OTHER</u> |
|------------|-------------------------|--------------------|--------------------------|-----------------|--------------|
| 1 | 100 PPM | NOT AVAILABLE | 100 PPM | NONE | |

SECTION 5. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: FLUSH WITH WATER. CONSULT PHYSICIAN. SKIN CONTACT: WASH WITH SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR.
INGESTION: DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

SECTION 6. SUPPLEMENTAL HEALTH INFORMATION

SUSPECTED CANCER AGENT: NO

SECTION 7. PHYSICAL DATA

BOILING POINT (DEG. F): > 350 SOLUBILITY (IN WATER) SLIGHT
MELTING POINT (DEG. F): -112 VAPOR PRESSURE (MM HG) <0.1 @ 68°F
EVAPORATION RATE (N-BUTYL ACETATE = 1): NOT DETERMINED VAPOR DENSITY (AIR = 1) OVER 1
SPECIFIC GRAVITY (H2O = 1): NOT DETERMINED APPEARANCE AND ODOR THICK COLORED PASTE

SECTION 8. FIRE AND EXPLOSION HAZARDS

FLASH POINT AND METHOD: > 300 DEG. F (P-M)
FLAMMABLE LIMITS, PERCENT VOLUME IN AIR: LOWER NOT DETERMINED

UPPER NOT DETERMINED

EXTINGUISHING MEDIA: USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE (CO2).

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPOR FORMS EXPLOSIVE MIXTURE WITH AIR. SEALED CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT.

SECTION 9. REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID: AVOID HEAT, FLAME, AND OXIDIZING AGENTS. HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, CARBON MONOXIDE, AND CARBON DIOXIDE MAY BE FORMED ON BURNING IN LIMITED AIR SUPPLY.

SECTION 10. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: USE WITH ADEQUATE VENTILATION. WHERE REQUIRED, USE NIOSH/MESA APPROVED RESPIRATORY PROTECTION. VENTILATION: MAINTAIN EXPOSURE LIMITS BELOW OSHA LIMITS. PROTECTIVE CLOTHING: AVOID CONTACT WITH SKIN. WEAR IMPERVIOUS GLOVES MADE OF NEOPRENE OR RUBBER. WEAR A CLEAN, BODY-COVERING CLOTHING. FURTHER SAFETY EQUIPMENT (APRON, FOOTWEAR, ETC.) SHOULD BE USED AS NECESSARY TO PREVENT CONTACT WITH THE MATERIAL. AVOID CONTACT WITH THE EYES. WEAR SPLASH-PROOF GOGGLES OR SAFETY SPECTACLES WITH SIDES.

SECTION 11. ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES: LARGE SPILLS: REMOVE OPEN FLAMES, SPARKS, HOT SURFACES AND OXIDIZING AGENTS. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL, SHOVEL UP, AND DISPOSE OF PROPERLY. SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

SECTION 12. SPECIAL PRECAUTIONS

STORE IN A CLOSED, PROPERLY LABELED CONTAINER. STORE IN A COOL VENTILATED AREA. KEEP AWAY FROM HEAT AND OPEN FLAMES. DO NOT TRANSFER TO UNMARKED CONTAINERS.

SECTION 13. TRANSPORTATION REQUIREMENTS

NOT HAZARDOUS FOR DEPARTMENT OF TRANSPORTATION PURPOSES.

SECTION 14. SPECIAL NOTES

SEE PRODUCT ENVIRONMENTAL DATA SECTION (EDS) FOR WASTE DISPOSAL AND OTHER ENVIRONMENTAL INFORMATION.

ENVIRONMENTAL DATA SECTION

SECTION 1. PRODUCT COMPOSITION

| <u>NO.</u> | <u>INGREDIENT NAME</u> | <u>CAS NUMBER</u> | <u>PERCENTAGE</u> |
|------------|-------------------------------|-------------------|-------------------|
| 1 | POLYESTER LIQUID VEHICLE | UNKNOWN | 50%-90% |
| 2 | DRY PIGMENT POWDER (NON-LEAD) | UNKNOWN | 10%-50% |

SECTION 2. SARA TITLE III INFORMATION

EHS RQ (LBS.) EHS TPQ (LBS.) SECTION 313 313 CATEGORY 311/312 CATEGORIES

NO. (*1) (*2) (*3) (*4) (*5)

1 NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE H-1, P-3

*1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302.

*2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302.

*3 = TOXIC CHEMICAL, SEC. 313.

*4 = CATEGORY AS REQUIRED BY SEC. 313 (40 CFR 372.65 C). MUST BE USED ON TOXIC RELEASE INVENTORY ORM.

*5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING.

HEALTH: PHYSICAL:

H-1 = IMMEDIATE (ACUTE) HEALTH HAZARD. P-3 = FIRE HAZARD

H-2 = DELAYED (CHRONIC) HEALTH HAZARD. P-4 = SUDDEN RELEASE OF PRESSURE HAZARD.

P-5 = REACTIVE HAZARD

SECTION 3. ENVIRONMENTAL RELEASE INFORMATION

NOT AVAILABLE.

SECTION 4. RCRA INFORMATION

UNKNOWN WHETHER THIS PRODUCT FALLS UNDER RCRA CRITERIA (40 CFR 261). UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF PRODUCTS TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCT USES, TRANSFORMATIONS, MIXTURE, PROCESSES, ETC. MAY RENDER THE RESULTING MATERIAL HAZARDOUS.

WASTE DISPOSAL METHOD: DISPOSE OF IN AN APPROVED CHEMICAL WASTE LANDFILL OR INCINERATE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE. OBSERVE ALL LABELED HAZARD PRECAUTIONS.

DATE REVISED: 01/31/02

PREPARED BY: TECHNICAL DEPARTMENT

DISCLAIMER: ALL INFORMATION, RECOMMENDATIONS, AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCT ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OR HER OWN USE OF THE PRODUCT DESCRIBED HEREIN. SINCE THE ACTUAL USE BY OTHERS IS BEYOND ENVIRONMENTAL TECHNOLOGY, INC.'S CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY ENVIRONMENTAL TECHNOLOGY, INC. AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED, OR THE SAFETY AND TOXICITY OF THE PRODUCT.