

MATERIAL SAFETY DATA SHEET
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PRODUCT NAME: NAVY POLY DYE KIT
PRODUCT NO.: J207.5
EMERGENCY PHONE: CHEMTEL 800-255-3924
DATE PREPARED 12-07-2010

IDENTIFICATION: C.I. NAME –Mixture of Disperse Dyes;; CAS NO. – All components listed in TOSCA Registry; **CHEMICAL FAMILY** – Anthraquinone. And Azo dyes.

HAZARDOUS INGREDIENTS: NK

HMIS RATINGS:

HEALTH: 1
REACTIVITY: 0

FLAMMABILITY: 1
PROTECTION: F

PHYSICAL DATA: **FORM & COLOR:** Black powder; **ODOR:** None; **SOLUBILITY IN WATER:** 20 G/L; pH: NE; **BULK DENSITY:** NE

FIRE AND EXPLOSION DATA: **FLASH POINT:** NA; **EXTINGUISHING MEDIA** CO2, Dry chemical or water spray.
PROCEDURES FOR FIRE FIGHTING: Wear self-contained breathing apparatus and full fire fighting protective clothing to protect against potentially toxic fumes. **UNUSUAL HAZARDOUS:** Organic dusts have potential to be explosive if mixed with air in critical proportions in the presence of a source of ignition. Maintain good housekeeping, adequate ventilation, and proper clean up to avoid dust accumulation. When dispensing pouring, or mixing powders, all containers should be properly grounded. As precautions, avoid creating dust in working areas. Avoid static charges, sparks, smoking, open flames, or other ignition sources.

REACTIVITY DATA: **STABILITY:** Stable; **CONDITIONS TO AVOID:** NK; **HAZARDOUS POLYMERIZATION:** Will not occur; **INCOMPATIBLE MATERIALS:** Strong oxidizing agents;and strong reducing materials; **HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may produce oxides of Carbon and Nitrogen.

HEALTH DATA:

EFFECTS OF OVEREXPOSURE:

EYES & SKIN: Not an irritate
INHALATION: NE.
INGESTION: NE

TOXICITY DATA FOR C.I. DISPERSE DYE

(ORAL) LD50 (RAT): :NE
DERMAL LD 50: (RABBIT): NE
INHALATION LC50: (RAT): NE
EYE EFFECT: (RABBIT) Not an irritate
SKIN EFFECT: (RABBIT) Not an irritate
BREATHING EFFECT: NE

GENERAL PRECAUTIONS: Always practice good industrial hygiene, handle with care, avoid personal contact. Do not get into eyes or on skin, do not breathe dust of product, do not swallow. Wash hands with soap and water and rinse well after handling product. Shower after each shift. Wash all work clothing and completely clean all protective equipment after each shift.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with impaired pulmonary function can be more susceptible to the effects of inhaling any type of dusty material.

EMERGENCY FIRST AID PROCEDURES:

INHALATION - Move to fresh air. If not breathing give artificial respiration, if difficulty in breathing give oxygen. Get medical attention immediately.
INGESTION - If swallowed, give several glasses of milk or water and induce vomiting. Seek medical attention immediately. Never give fluids or induce vomiting if person is unconscious or is having convulsions.
EYE CONTACT - Rinse with plenty of flowing water for at least 15 minutes holding eyelids open to rinse completely. Call a doctor and get medical attention immediately.

ENVIRONMENTAL PROTECTION PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear a NIOSH approved dust respirator and all appropriate protective equipment specified (see personal protection section). Contain and clean up spill immediately, prevent from entering floor drains. Contain dusting using absorbents. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drum.

WASTE DISPOSAL METHOD: Waste material & waste water should be disposed of according to federal, state and local environmental regulations at an approved site or facility. Do not discharge into waterways or sewer system without proper authority.

CONTAINER REUSE: Emptied container may contain product residues and should not be reused. If not professionally cleaned and reconditioned, crushing or other means recommended to prevent unauthorized reuse.

RCRA STATUS: NH

PERSONAL PROTECTION: When selecting personal protective clothing and equipment, carefully follow manufacturers specifications and recommendations for your particular application, operating conditions, processing environment, and specific materials and/or chemicals to be handled or processed.

RESPIRATORY PROTECTION: Wear a NIOSH approved dust respirator, based upon manufacturers recommendation for specific operating conditions.

SKIN PROTECTION: Wear impervious rubber gloves as standard handling procedure, along with long sleeved shirt, coveralls, boots, and rubber or plastic apron to minimize skin contact. When selecting gloves and clothing, follow the manufacturers recommendation for your particular application/operation.

EYE PROTECTION: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with this chemical.

OTHER PROTECTION: Wear appropriate equipment to prevent the probability of exposure and personal contact. Wash with soap and rinse thoroughly after handling material, and before eating, drinking, smoking, or using restroom facilities. Shower after each shift.

DELUGE SAFETY SHOWER AND EYE WASH SHOULD BE LOCATED NEAR WORK AREA.

VENTILATION: Local exhaust is recommended.

SPECIAL PRECAUTIONS & STORAGE INFORMATION:

Store in a cool dry place, under low relative humidity. Store in original or similar waterproof containers. Reseal containers tightly immediately after use.

REGULATORY INFORMATION:

TSCA: Components listed

SARA 313/312: **Immediate/Acute health hazard: NO; Delayed/chronic health hazard: NO; Fire hazard: NO; Sudden Release of pressure hazard: NO; Reactivity hazard: NO**

SARA 313: NR

CONEG: Typical Metals analysis in PPM: Cadmium=NE; Chromium = NE; Lead = NE; Mercury = NE

CAA: This product is not manufactured with, nor does it contain class I or II Ozone depleting chemicals.

CERCLA: NH FDA STATUS: NL

AINECS: #219-949-9 ENCS: NC

USDA: NL AICS: NC

WHMIS: NC DSL: Components listed

ECL: Serial#5-355 MITI: NC

RCRA: Not hazardous in its purchased form. However, under RCRA, it is the product user's responsibility to determine at the time of disposal if any material containing the product or derived from the product is a hazardous waste.

OTHER METALS IN PPM: NK

CAA: Product is not manufactured with, nor does it contain Class I or II Ozone depleting chemicals

CAL. PROP 65: To the best of our present knowledge, based on information available at the time of this entry, we are not aware of any chemicals present in this product that are known to the State of California to cause cancer or reproductive toxicity.

SHIPPING INFORMATION: DOT STATUS: Not regulated

CODES:

NA = Not applicable to this material

ND = No date currently available

NE = Not established - no testing planned

NH = Not hazardous under cited regulation

NK = None known

NR = Not regulated or reportable

NX = None expected to be present

NL= Not listed or approved under these regulations

OTHER DATA:

PREPARATION DATE: 12-07-2010

FOR FURTHER INFORMATION PLEASE CALL: 800-274-4393, 602-424-9990

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied, is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA hazard communication standard 29 CFR 1910.1200, and supersedes any previous information.

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