M A T E R I A L S A F E T Y D A T A S H E E T Page 1

PRODUCT NAME: ORANGE STAINING COLOR HMIS CODES: H F R P
FORMULA KEY: -8725 2 3 1 B
FINISHED GOODS: STAINING COLORS
8 oz - 81448
1 gal - 81748 5 gal - 81848

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ITW DYKEM
ADDRESS : 805 EAST OLD 56 HIGHWAY
OLATHE, KANSAS 66061
EMERGENCY PHONE : 800-424-9300 CHEMTREC
INFORMATION PHONE : 800-443-9536
REVISION DATE : 12/20/01
PREPARED BY : WILLIAM ZUMDOME

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
BUTYL ACETATE ACGIH TLV: 150 PPM TWA OSHA PEL: 150 PPM TWA	000123-86-4	10	20C	30-50%
ETHANOL ACGIH TLV: 1000 PPM	000064-17-5	40	19C	11-30%
* 1-BUTANOL ACGIH TLV: 50 PPM CEILING, SKIN OSHA PEL: 50 PPM CEILING, SKIN	000071-36-3	4.9	20C	11-30%
NITROCELLULOSE NONE ESTABLISHED	009004-70-0	-----	-----	5-10%
* LEAD COMPOUNDS ACGIH TLV: 0.05mg/m3 OSHA PEL: 0.05mg/m3	MIXTURE	-----	-----	5-10%
ISOPROPANOL ACGIH TLV: 400 PPM TWA OSHA PEL: 400 PPM TWA	000067-63-0	33	20C	1-5%
ETHYL ACETATE ACGIH TLV: 400 PPM TWA OSHA PEL: 400 PPM TWA	000141-78-6	73	20C	1-5%
* TOLUENE ACGIH TLV: 50 PPM TWA OSHA PEL: 100 PPM TWA	000108-88-3	36.7	30C	1-5%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

All ingredients are listed in TSCA inventory.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 170F - 257F SPECIFIC GRAVITY (H2O=1): 0.94
VAPOR DENSITY: (Air = 1): >1 EVAPORATION RATE: (BuAc=1): >1
SOLUBILITY IN WATER: Appreciable
APPEARANCE AND ODOR: Orange opaque low viscosity liquid with sweet solvent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.40% UPPER: 19.0%

EXTINGUISHING MEDIA: Water No, CO2 Yes, Dry chemical Yes, Foam Yes, Alcohol foam No.
SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus in confined areas.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source.

========== SECTION V - REACTIVITY DATA ==========
STABILITY: Chemically stable.
CONDITIONS TO AVOID: Heat, sparks, and open flames.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

========== SECTION VI - HEALTH HAZARD DATA ==========
INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Moderate irritation.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Moderate irritant.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Symptoms: Nausea and vomiting. Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration of liquid into lungs. Call a physician immediately.
HEALTH HAZARDS (ACUTE AND CHRONIC):
Acute: Eyes: Moderate irritant Skin: Moderate irritant Inhalation: High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea. Ingestion: Similar to inhalation.
Chronic: Prolonged repeated overexposure to this product may lead to skin sensitization or dermatitis.
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: 2B OSHA REGULATED: No
ACGIH CARCINOGENICITY: A3
WARNING: This product contains a chemical known to the State of California to cause cancer: Lead Compounds.
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm: Toluene, Lead.

TOXICITY DATA:

INGREDIENTS	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LD50
Butyl Acetate	14 g/kg	-----	20000 ppm/10H
Ethanol	7060 mg/kg	-----	20000 ppm/10H
Butanol	2500 mg/kg	Slight	>8000 ppm/4H
Nitrocellulose resin	>5000 mg/kg	-----	-----
Tsopropanol	5045 mg/kg	-----	-----
Ethyl Acetate	5620 mg/kg	-----	1600 ppm/8H
Toluene	5 g/kg	3.2 g/kg	8000 ppm
Lead Compounds(mixture)	-----	-----	-----

EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush well with water. Contact a physician if irritation persists.
SKIN: Wash with soap and water.
INHALATION: Remove patient to fresh air. Contact a physician.
INGESTION: Do not induce vomiting. Contact a physician. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ======
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent skin and eye contact. Use non-combustible material to confine and/or absorb. Eliminate ignition sources. Ventilate area.

WASTE DISPOSAL METHOD: Remove to a waste disposal facility operating in compliance with federal, state, and local regulations.

Proper shipping name: Paint,3,UN1263,(PG)II (Containers $\leq$ 930ml are ORM-D)

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: ---'Empty' containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flames, static electricity, or other sources of ignition.
--- Use with adequate ventilation.

OTHER PRECAUTIONS: WARNING: Many hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as "autoignition" or "ignition" temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time, and are influenced by pressure changes.

Ignition of organic chemical vapors may occur at typical elevated-temperature process conditions, especially in processes operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapors or mists to the atmosphere occurs.

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

========== SECTION VIII - CONTROL MEASURES ==========
RESPIRATORY PROTECTION: None required for normal use with adequate ventilation. In poorly ventilated areas, use NIOSH approved organic vapor respirator.
VENTILATION: Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.
PROTECTIVE GLOVES: Chemical resistant rubber gloves, such as Polyvinyl chloride-coated, and other protective gear as required to minimize skin contact.
EYE PROTECTION: Safety glasses. Splash proof goggles.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety shower.
WORK/HYGIENIC PRACTICES: Follow current H.M.I S. regulations.

========== SECTION IX - DISCLAIMER ==========
ITW DYKEM bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.