

Material Safety Data Sheet

HEALTH - 2
FLAMMABILITY - 3

REACTIVITY - 1
PERSONAL PROTECTION B

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identity: UV Sealant Color Magic Item No: 232 Formula: E4740CT	<i>Note: Blank; spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
Distributed by: Hoewel Mfg.	Emergency Telephone Number: 310-313-6829
Address: 12102 Venice Blvd, Los Angeles, CA 90066	Telephone Number for Information: 310-313-6829
Product Class: Staining Colors	Date Prepared: 2/13/04

Hazardous Components (Specific Chemical Identity, Common Names(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Xylene	1330-20-7	100 ppm	100 ppm		10-30
VM&P Naphtha	64742-89-8	300 ppm	300 ppm		7-13
Toluene	108-88-3	200 ppm	50 ppm		3-7

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW -Clear thin viscosity liquid with sweet solvent odor. **Warning!** Vapor released from this material may form an explosive mixture with air. Vapor can travel to a source of ignition (spark or flame) and flash back. May cause eye, skin and respiratory tract irritation. If swallowed do not induce vomiting. **Get immediate medical attention.**

POTENTIAL HEALTH EFFECTS

Eyes: Liquid is moderately irritating to the eyes.

Skin: Liquid is mildly irritating to the skin. (Ingredients are skin irritants: Xylene, Toluene)

Ingestion: Ingestion of liquid may cause vomiting.

Inhalation: High concentration of vapors may produce irritation of the respiratory tract, headache, dizziness and nausea

CHRONIC HEALTH EFFECTS

Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal. Information supplied indicates that diarylide pigments in polymers at temperatures above 200°C (392°F) can produce trace amounts of 3,3' Dichlorbenzidine. 3,3' Dichlorbenzidine is classified as a suspect carcinogen by NTP and IARC.

SECTION 4 FIRST AID MEASURES

Eyes -Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation -Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Skin - Flush skin with plenty of water. Remove contaminated clothing and shoes.

Ingestion- If large quantities of this material are swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point (Method Used) 48°F	Flammable Limits 1.40% to 12.60%	LEL Not Available	UEL Not available
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Extinguishing Media -

Use water fog, foam, dry chemical or CO2. Use water spray to cool fire-exposed containers and to protect personnel.

Special Fire Fighting Procedures -

Keep containers cool and vapors down with water spray. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. 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.

Sensitivity to Static Discharge – Vapor within the flammable limits may be ignited by a static discharge of sufficient energy.

Unusual Fire and Explosion Hazards – FLAMMABLE LIQUID. Vapors can form an explosive mixture with air and can travel to a source of ignition (spark or flame) and flash back.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid with non-combustible floor absorbent and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

SECTION 7 HANDLING AND STORAGE

HANDLING: When using in spray application, conformance to NFPA 33 Spray Applications using Flammable and Combustible Materials is recommended.

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. 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 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.

STORAGE:

Keep away from heat, sparks and open flames. Keep out of reach of children. Keep container tightly sealed when not in use. Store in cool, well-ventilated place away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type) –

Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None
Protective Gloves – Chemical resistant gloves if skin contact is possible (consult your safety equipment supplier).		Eye Protection – Not normally required if used as intended. Wear chemical splash goggles in compliance with OSHA regulation if splashing is possible.		

Other Protective Clothing or Equipment -

Not usually necessary. For bulk material, if direct contact is possible, wear apron, boots, face shield, etc. as needed.

Work/Hygienic Practices -

Wash hands after use and before eating, drinking, smoking, using restrooms, etc. Avoid breathing vapors and contact with skin and eyes. Always replace overcap when not in use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	>187°F	Specific Gravity (H₂O = 1) @70° F	0.842
Vapor Pressure (mm-Hg @ 70° F)	No Data	Melting Point	>-139°F

Vapor Density (AIR = 1)	3.80 g/cc max	Evaporation Rate (Butyl Acetate = 1)	1.4
Solubility in Water	No Data	pH	No Data

Appearance and Odor –Clear thin viscosity liquid with sweet solvent odor.

VOC: This product contains 87% by weight VOC's.

Autoignition Temperature: 449°F

SECTION 10 STABILITY AND REACTIVITY

Chemical	Unstable		Conditions to Avoid – None known.
Stability	Stable	X	

Incompatibility (Materials to Avoid) -

Strong oxidizing and reducing agents, strong alkalies and strong acids.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.

Hazardous	May Occur		Conditions to Avoid - No data
Polymerization	Will Not Occur	X	
Material Incompatibility			Strong oxidizing agents, nitric acid, dichlorohydrantion, sulfur dichloride, acids, alkalis, nitrogen tetroxide, silver perchlorate, tetranitromethane, uranium hexafluoride.

SECTION 11 TOXICOLOGICAL INFORMATION

	Oral LD50 (Rat)	Dermal LD50 (Rabbit)	Inhalation LC50 (Rat)
Xylene	2840 mg/kg, rat	4500 mg/kg, rabbit	6300 mg/l /4 hr, rat
VM&P Naphtha	5000 mg/kg, rat	3000 mg/kg, rabbit	No data
Toluene	636 mg/kg, rat	>12000 mg/kg, rabbit	49 mg/m ³ /4 hr, rat

Please refer to Section 3 for available information on potential health effects.

Irritancy of Product

The following ingredients are skin irritants: Xylene, Toluene.

Sensitization to Product

None of the ingredients cause sensitization.

Carcinogen Data

Ethylbenzene (a component of Xylene) is listed with IARC as Class 2B (possible human carcinogen) and with ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). Ethylbenzene is also listed with the State of California as a carcinogen.

Reproductive Toxicity

The following ingredients are reproductive toxicants: Toluene

Teratogenicity

The following ingredients are teratogens: Xylene, Toluene

Mutagenicity

None of the ingredients are known mutagens.

Synergistic Products

Exposure to solvents such as benzene, xylene, toluene and ethanol slows the rate of clearance of from the body, thus enhancing the toxic effects of ingredients toluene and xylene.

SECTION 12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

SECTION 14 TRANSPORT INFORMATION (Not meant to be all inclusive)

Domestic Highway (Containers < 1 Quart are RM-D)	Domestic Air Shipments: Varies
Proper Shipping Name: Paint	Proper Shipping Name: No data
Hazard Class/Subsidiary Hazard: 3	Hazard Class/Subsidiary Hazard: No data
UN/NA No.: UN1263	UN/NA No.: No data
Packing Group: II	Packing Group: No data
Label Required: Flammable Liquid (3)	Label Required: No data

SECTION 15 REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations represented)

U.S. FEDERAL REGULATIONS:

TSCA: Components of this product are listed on the TSCA inventory.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: Xylene is not listed on Prop-65 but Ethylbenzene, a component of Xylene, is listed as a carcinogen.

SECTION 16 OTHER INFORMATION

MSDS Status: Revised Section(s):

WARNING! The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. **NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR ON SEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.**

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