

UNION INK

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43221 - all codes
except
- 0007

Rcod 2-26-02

MATERIAL SAFETY DATA SHEET

Information in accordance with 29 CFR 1910.1200 (g)(1)

DATE OF ISSUE: 09/27/00 SUPERSEDES: 02/16/95 MSDS NBR: ATEX-1000

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: UNION INK COMPANY
ADDRESS: 453 BROAD AVENUE
 RIDGEFIELD, NJ 07657
EMERGENCY TELEPHONE: 800-424-9300 (CHEMTREC)
INFORMATION TELEPHONE: 201-945-5766

HMIS INFO:
 HEALTH: 1
 FLAMMABILITY: 0
 REACTIVITY: 0
 PERSONAL PROTECTION: B

PRODUCT CLASS: WATER BASED SCREEN PRINTING INK
TRADE NAME: AEROTEX COLORS
MANUFACTURER'S CODE: ATEX-1000, -1020, -2011, -2021, -2051, -3004, -3006, -3011, -3030, -4020, -5000
 -5004, -5020, -5035, -5040, -6030, -6081, -7002, -7021, -7031, -8000, -9030,
 -9090, -F211, -F212, -F213, -F214, -F311, -F312, -F330, -F511, -F521, -F611

SECTION II - HAZARDOUS INGREDIENTS

This product contains the following toxic chemicals (if any are present they are marked "YES" under the SARA 313 column below) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

HAZARDOUS INGREDIENTS	CAS Number	%	SARA 313		OSHA PEL		ACGIH TLV's		Vapor Press. mm Hg
			Listed	MFR's TLV	ppm	mg/m	TW ppm	STEL ppm	

THERE ARE NO HAZARDOUS INGREDIENTS AS DEFINED UNDER OSHA REGULATIONS 29 CFR 1910.1200

The remaining (proprietary) ingredients are not found in the most recent Massachusetts, New Jersey, Maryland, Pennsylvania and California Substance Lists. THE FORMULA, IN ITS ENTIRETY, IS DEEMED "TRADE SECRET" BY THE COMPANY.

SECTION III - PHYSICAL DATA

BOILING RANGE: 212 °F **PERCENT VOLATILE BY WEIGHT:** 40-84
VAPOR DENSITY: HEAVIER THAN AIR **WEIGHT PER GALLON (LBS/GAL):** 8.6-11.4
EVAPORATION RATE: SLOWER THAN ETHER **VOC (LESS WATER) (LBS/GAL):** 1.6-3

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: N/A **U.E.L.:** N/A **L.E.L.:** N/A
OSHA CLASSIFICATION: N/A
DOT CLASS: Not Regulated
EXTINGUISHING MEDIA: N/A
UNUSUAL FIRE AND EXPLOSIONS HAZARDS: None.
SPECIAL FIRE FIGHTING PROCEDURES: None.

While Union Ink believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Union Ink assumes legal responsibility. Since the use of this information and these opinions and the use of the product are not within the control of Union Ink, it is the user's obligation to determine the conditions of safe use of the product.

N/A - Not Applicable N/E - Not Established U/K - Unknown

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SECTION V - HEALTH HAZARD DATA**PRIMARY ROUTE OF ENTRY:**

N/A

MEDICAL CONDITIONS WHICH MIGHT BE AGGRAVATED:

None expected.

OVEREXPOSURE TO VAPOR MAY CAUSE:(ACUTE)

Nothing expected.

REPEATED OVEREXPOSURE TO VAPOR MAY CAUSE:(CHRONIC)

Nothing expected.

EMERGENCY AND FIRST AID PROCEDURES:

Handle in accordance with good industrial hygiene and safety practices including unnecessary exposure to eyes, skin, and clothing. In case of eye contact, flush eyes with plenty of water for at least 15 minutes and SEE A PHYSICIAN.

Eye Contact: This material may be a mild eye irritant. Direct contact may cause temporary burning, tearing, and redness as with bar soap. Flush immediately with copious quantities of water for at least 15 minutes to remove material. If irritation persists, SEE A PHYSICIAN.

Inhalation: No respiratory protection or special ventilation is required.

Ingestion: While this material is non-toxic, ingestion of excessive amounts may irritate the digestive tract and cause diarrhea. Drink large volumes of milk or other mild liquid. Consult a physician immediately should complications arise.

SECTION VI - REACTIVITY DATA**STABILITY:** Stable**INCOMPATIBILITY:** None Known.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Known.**HAZARDOUS POLYMERIZATION:** Will Not Occur.**SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Wipe up product, rinse soiled area with water.

WASTE DISPOSAL METHOD:

As per Local, State or Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION**VENTILATION:**

Not required.

RESPIRATORY PROTECTION IN OPEN AREAS:

Not required.

PROTECTIVE GLOVES:

Impervious gloves when handling during mixing or wash-up operations.

EYE PROTECTION:

Avoid direct contact, wear safety goggles when mixing or pouring.

OTHER PROTECTIVE EQUIPMENT:

Eye bath, safety shower, aprons.

SECTION IX - SPECIAL PRECAUTIONS

To extend shelf life always store unused portion in original container with cap secure.
Avoid temperature extremes (over 90°F., under 32°F.)