



MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

PRODUCT NAME: ULANO THIX™ DIRECT EMULSION

Previous Issue: January 13, 2009

Date Prepared: January 13, 2009

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **ULANO THIX™ DIRECT EMULSION**
 Company: ULANO® CORPORATION
 110 Third Avenue
 Brooklyn, NY 11217
 Phone: 718-237-4700
 Fax: 718-802-1119
 Emergency contact: 1-800-424-9300 (CHEMTREC)

MSDS prepared by: Fred Widman

Recommended use: Manufacture of stencils for screenprinting

2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is not classified as hazardous according to 29CFR 1910-1200.

Appearance / Odor: viscous liquid / mild odor

Potential Health Effects: See Section 11 for more information

Potential Health Effects Eyes

This product may be irritating to the eyes.

Potential Health Effects: Skin

Repeated exposure may irritation to skin

Potential Health Effects: Ingestion

Ingestion of this product may be irritating to the digestive system.

Potential Health Effects: Inhalation

No known effect

Xi	Irritant
36/37/38	Irritating to eyes, respiratory and skin
51/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Target Organs: eyes, skin and respiratory system

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials
 Hazardous components:

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Engineering controls

General- not required
 Local exhaust- recommended
 Other- none

Personal Protection

Gloves- recommended
 Respirator- not required
 Eye- protective goggles recommended
 Protective footwear- not required
 Protective clothing- not required
 Other- none

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous liquid
 Color: depending on coloration
 Odor: mild
 Flash point: n.a
 Ignition temperature: n.a
 Density: 1.06 g/cm³
 Viscosity: 30,000 cps @ 20°C
 Explosion limits: n.a
 Boiling point: ~212°F (100° C)
 Vapour density: >1(air=1)
 Vapour pressure: not known
 Freezing point: not known
 pH: 4.90
 Coefficient of water/ oil distribution: not known
 Volatile Organic Compounds: less than 0.1%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions
 (see Section 7).
 Store as a non-hazardous liquid
 INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure:

COMPONENT	CAS#	LD ₅₀	LC ₅₀
Acrylates	Trade Secret	>5,000 mg/kg, oral rat	Not established

General information:

Effects of acute exposure:
 Repeated or prolonged contact causes local irritation of skin and mucous membranes, particularly the eyes.
 Irritancy of product- possible
 Skin sensitization- none reported
 Respiratory sensitization- none known

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Carcinogenicity- no
 IARC- no
 ACGIH - no
 Reproductive toxicity - none known
 Teratogenicity - none known
 Embryotoxicity - none known
 Mutagenicity - none known
 Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

Do not empty into drains or release into open water.
 Do not store at public waste disposal sites.

13. WASTE DISPOSAL INFORMATION

Dispose of as a non-hazardous aqueous waste
 Empty container: scrap metal recycling or re-conditioning
 Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR/RID/DOT:	Class: not regulated UN: n.a
Packaging group:	n.a
IMDG:	Class: not regulated EMS: n.a UN: n.a
Marine pollutant:	No
Packaging group:	n.a

15. REGULATORY INFORMATION

Global Inventories (components):

TSCA: United States - included
 DSL: Canada - included
 ENCS: Japan - included
 EINECS: Europe - included

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

Labeling

Xi

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R-phrases:

36/37/38 Irritating to eyes, skin and respiratory system
51/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
28 After contact with skin, wash immediately with plenty of water.
61 Avoid release to the environment. Refer to special instructions / safety data sheet.

Special labeling:

n.a
National Regulation for Germany:
Water pollution class: 1

16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

Text of risk phrases mentioned in Section 2:

Xi Irritant
36/37/38 Irritating to eyes, skin and respiratory system
51/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

DISCLAIMER OF RESPONSIBILITY:

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