

## ULANO® Material Safety Data Sheet

Product: TLX DIRECT EMULSION

Date: 1/10/2005

Revision date: 8/16/2007

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### 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **TLX DIRECT EMULSION**  
Company: ULANO CORPORATION  
110 Third Avenue  
Brooklyn, NY 11217  
Phone: 718-237-4700  
Emergency contact: 1-800-424-9300 (CHEMTREC)  
Supplier: Screentec Corporation  
930 West Port Crescent  
Mississauga, ONT  
L5T 1G1 Canada  
Phone: (905) 670-7042  
Fax: (905) 670-7046

MSDS Prepared by: Fred Widman

Recommended use: Direct emulsion for screenprinting stencils

### 2. HAZARDS IDENTIFICATION OF THE PREPARATION

Potential Health Effects: Eyes  
This product may be irritating to eyes  
Potential Health Effects: Skin  
No known instances of skin irritation  
No absorption expected  
Potential Health Effects: Ingestion  
No acute effects expected  
Potential Health Effects: Inhalation  
Inhalation of mists of this product may be irritating to the respiratory system.

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 classified as a non-hazardous material.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This preparation is not known to contain hazardous substances

| EINECS-No<br>CAS-No. | Name<br>R-phrases | Hazard | %content   |
|----------------------|-------------------|--------|------------|
| 500-066-5            |                   |        |            |
| 28961-43-5           | Acrylate          |        | 7.0-13.0%% |

### 4. FIRST AID MEASURES

**After skin contact:**

Clean thoroughly with soap and water.

**After eye contact:**

Remove contact lenses; keep eyelid open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice.

**After ingestion:**

Do not induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If

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breathing is irregular or has stopped, apply artificial respiration.

### **After Inhalation:**

If symptoms are experienced, remove from source of contamination or move victim to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice.

## **5. FIRE-FIGHTING MEASURES**

Flammable – No

Flash Point – N.A.

Explosion Data, Impact – N.A.

Explosion Data, Static – N.A.

Hazardous Combustion Products – Typical carbon oxygen compounds

Autoignition Temp – N.A.

Means of extinction – adapt to surrounding fire

Upper Flammable Limit – N.A.

Lower Flammable Limit – N.A.

## **6. ACCIDENTAL RELEASE MEASURES**

Do not empty into drains. Collect with liquid absorbing material and proceed according to local waste disposal regulations.

## **7. HANDLING AND STORAGE**

Keep container tightly closed in a cool, dark and well ventilated place. Avoid contact with skin and eyes.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Occupational exposure limits: None Known

**Engineering controls:** Not required with normal use

### **Personal Protection:**

Protective gloves recommended

Goggles recommended

Protective clothing: None required

Other: None known

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: viscous liquid

Colour: green

Odour: slight acrylic

Flash point: not applicable

Ignition temperature n.a

Density: 1.10 g/cm<sup>3</sup>

Viscosity: ~8,000 cps @ 20°C (sensitized)

pH value: 4.2-5.8

Vapor pressure: 23.3 mbar

Evaporation rate: not available

Boiling point: ~100°C

Coefficient of water/oil distribution: Not available

## **10. STABILITY AND REACTIVITY**

Stable under recommended storage and handling conditions (see Section 7).

Incompatibility – None known

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Reactivity – Cross-links with ultraviolet light when dry

Hazardous decomposition products – Not known to decompose with normal use

### 11. TOXICOLOGICAL INFORMATION

Effects of acute exposure – None known

LD<sub>50</sub> of all ingredients >5000 mg/kg

Effects of chronic exposure – None known

Eye contact - may cause local irritation.

Irritancy of product – mild

Respiratory sensitization – None known

Skin sensitization – possible but, never experienced

Carcinogenicity – Not known to be carcinogenic

IARC – No

ACGIA – 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 enter product in its original concentration into drains or open waters.

Do not store at public waste disposal sites.

In case of conduction into adapted biological purification plants  
no disturbances need be expected.

The preparation has been estimated by conventional method (calcu-  
procedure) of EG directive 1999/45/EG) and is classified as  
non-hazardous for the environment.

### 13. WASTE DISPOSAL INFORMATION

Dispose of in accordance with local, provincial (state) and federal regulations.

Empty container: scrap metal recycling or re-conditioning

Soiled container: treatment like product itself

### 14. TRANSPORT INFORMATION

This product is classified as non-hazardous material according to USDOT, ADR,  
RID, IMDG and IATA.

### 15. REGULATORY INFORMATION

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 classified as a non-hazardous material.

All ingredients are listed on the TSCA registry.

**Labeling** (acc. to 91/155/EEC): (not applicable)

Water pollution class: 1

**VOC'S less than 0.1%**

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### 16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but does 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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