



# MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

**PRODUCT NAME: ULANO QT THIX™ DIRECT EMULSION**

**Previous Issue: January 13, 2009**

**Date Prepared: October 27, 2011**

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **ULANO QT 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: Paul Drago

Recommended use: Manufacture of stencils for screen printing

## 2. HAZARD IDENTIFICATION OF THE PREPARATION

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

Appearance: Viscous liquid

Odor: 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.

PRODUCT NAME: **ULANO QT THIX™DIRECT EMULSION**

Date Prepared: October 27, 2011

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials  
Hazardous components:

EINECS-No CAS-No.	Name R-phrases	Hazard	%content
Trade Secret	Acrylates 36/37/38-51/53	Xi, N	10.0-12.5%

**Additional information:**

For full text of risk phrases see Section 16.

### 4. FIRST AID MEASURES

**Inhalation:**

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

**Ingestion:**

Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

**Skin Contact:**

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops. Wash clothing before reuse.

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 5. FIRE-FIGHTING MEASURES

Flammable:	no
Means of extinction:	treat surrounding fire
Unsuitable extinguishing media:	Hard water stream
Flash point:	n.a
Upper flammable limit:	n.a
Explosion data impact:	n.a
Lower flammable limit:	n.a
Explosion data static:	n.a
Autoignition temp:	n.a
Hazardous combustion products:	typical carbon oxygen compounds.

Fire fighters should wear SCBA for fighting fires in enclosed areas.

### 6. ACCIDENTAL RELEASE MEASURES

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

PRODUCT NAME: **ULANO QT THIX™DIRECT EMULSION**

Date Prepared: October 27, 2011

## 7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place.  
Ensure adequate ventilation. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit:

CAS #	Name	OSHA TWA	ACGIH TWA
	No exposure limits established for ingredients		

### 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/cm <sup>3</sup>	
Viscosity:	30,000 cps @ 25°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

PRODUCT NAME: **ULANO QT THIX™DIRECT EMULSION**

Date Prepared: October 27, 2011

**11. TOXICOLOGICAL INFORMATION****Effects of acute exposure:**

COMPONENT	CAS#	LD <sub>50</sub>	LC <sub>50</sub>
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
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

PRODUCT NAME: **ULANO QT THIX™DIRECT EMULSION**

Date Prepared: October 27, 2011

## 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

### 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.

**PRODUCT NAME: ULANO QT THIX™DIRECT EMULSION**

**Date Prepared: October 27, 2011**

---

**DISCLAIMER OF RESPONSIBILITY:**

This document is generated for the purpose of distributing health, safety and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.