

ULANO® Material Safety Data Sheet

Product: LX680 DIRECT EMULSION

Date: 1/10/2005

Revision date: 8/16/2007

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **LX680 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 CAS-No.	Name R-phrases	Hazard	%content
500-066-5 28961-43-5	Acrylate		10-30%

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: Blue
Odour: slight acrylic
Flash point : not applicable
Ignition temperature n.a
Density: 1.10 g/cm³
Viscosity: ~14,000 cps @ 20°C
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

LD₅₀ 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.

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