



MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

PRODUCT NAME: CDF DIRECT FILM (ALL THICKNESSES)

Previous Issue: 5/18/2006

Date Prepared: July 24, 2008

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **CDF DIRECT FILM**
 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: Emulsion coated polyester / no 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

Target Organs: not known

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 hazardous materials with non-hazardous compounds.

Hazardous compounds:

EINECS-No	Name	Hazard	%content
CAS-No.	R-phrases		
n.a.			

Additional information:

For full text of risk phrases see Section 16.

PRODUCT NAME: **CDF DIRECT FILM (ALL THICKNESSES)**

Date Prepared: July 24, 2008

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	
Hazardous combustion products: typical carbon oxygen compounds.	
Fire fighters should wear SCBA for fighting fires in enclosed areas.	
Autoignition temp: n.a	

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.

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

PRODUCT NAME: CDF DIRECT FILM (ALL THICKNESSES)**Date Prepared: July 24, 2008**

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: coated polyester film
Color: green (unexposed)
Odor: none
Flash point: n.a
Ignition temperature: n.a
Specific gravity: 1.2-1.3 g/cm³
Viscosity: n.a
Explosion limits: n.a
Boiling point: n.a
Vapour density: n.a
Vapour pressure: n.a
Freezing point: n.a
pH: n.a
Coefficient of water/ oil distribution: unexposed emulsion layer is water soluble
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:**General information:**

Effects of acute exposure:
Repeated or prolonged contact causes local irritation of skin.
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

PRODUCT NAME: CDF DIRECT FILM (ALL THICKNESSES)**Date Prepared: July 24, 2008**

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

Polyester film can be disposed of as a non-hazardous solid 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

n.a

R-phrases:

n.a

S-phrases:

n.a

Special labeling:

n.a

National Regulation for Germany:

Water pollution class: 1

PRODUCT NAME: CDF DIRECT FILM (ALL THICKNESSES)**Date Prepared: July 24, 2008**

16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

Text of risk phrases mentioned in Section 2:

n.a

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:

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.