



MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

PRODUCT NAME: VISION FILM- ALL THICKNESSES

Previous version: October 25, 2013

Date Prepared: April 2, 2014

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **VISION**
 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: P. 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: Green colored emulsion on polyester film.
 Odor: None.
 Potential Health Effects: See Section 11 for more information
 Potential Health Effects; Eyes: No known effect
 Potential Health Effects; Skin: Repeated exposure may cause irritation to skin.
 Potential Health Effects; Ingestion: n.a
 Potential Health Effects; Inhalation: no known effect
 Target Organs: not known
 Potential Environmental Effects: See Section 12 for more information.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials
 Hazardous components:

EINECS-No CAS-No.	Name R-phrases	Hazard	%content
Trade Secret 36	Acrylates	Xi	5.0-25.0% (Emulsion layer)

Additional information: None

PRODUCT NAME: **VISION Film (all thickness)**

Date Prepared: April 2, 2014

4. FIRST AID MEASURES

Inhalation: remove to fresh air if irritation occurs.
Ingestion: Get medical attention.
Skin Contact: If irritation develops, flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation continues.
Eye Contact: Get medical attention if irritation persists.

5. FIRE-FIGHTING MEASURES

Flammable: no
 Means of extinction: Water, Foam, Co2
 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.
 Autoignition temp: n.a

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

6. ACCIDENTAL RELEASE MEASURES

This material is not considered hazardous.

7. HANDLING AND STORAGE

Exposure to light or high humidity can result in ineffective film

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: not required
 Other: none

Personal Protection

Gloves: recommended
 Respirator: not required
 Eye: not required
 Protective footwear: not required
 Protective clothing: not required
 Other: none

PRODUCT NAME: **VISION Film (all thickness)**

Date Prepared: April 2, 2014

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: coated polyester film
 Color: green (unexposed)
 Odor: none
 Flash point: n.a
 Ignition temperature: n.a
 Density: n.a
 Viscosity: n.a
 Explosion limits: n.a
 Melting point: ~ 500°F
 Vapor density: n.a
 Vapor pressure: n.a
 Freezing point: n.a
 pH: n.a.

Volatile Organic Compounds: less than 0.01%

10. STABILITY AND REACTIVITY

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

Store as a non-hazardous solid

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 of emulsion layer can cause 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: **VISION Film (all thickness)**

Date Prepared: April 2, 2014

12. ECOLOGICAL INFORMATION

Not known to be an ecological hazard.

13. WASTE DISPOSAL INFORMATION

Dispose of as a non-hazardous solid waste.
Empty container: scrap recycling or re-conditioning

14. TRANSPORT INFORMATION

ADR: (Europe)	Class: Not regulated
RID (Europe: RAIL)	Class: Not regulated
DOT: (USA)	Class: Not regulated
IATA: (AIR)	Class: Not regulated
IMDG: (Ocean)	Class: not regulated
UN #	n.a
Packaging group:	n.a
EMS:	n.a
Marine pollutant:	No

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.

Special labeling: n.a

National Regulation for Germany:

Water pollution class: 1

PRODUCT NAME: **VISION Film (all thickness)**

Date Prepared: April 2, 2014

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 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.

Editor's notes: ENGLISH ONLY: do not translate this section.

DOC.	VERSION	REV	ON	note
DP-6030				Former DP product
US_CDF VISION_r13pd.doc	1	ORIG	3-15-13	Orig
US_CDF VISION_r13a.doc	1	A	10-25-13	Section 14
US_CDF VISION_r14.doc	2014	0	4-2-14	Date change