

#### Magna/Cure Film, all thicknesses

Material Safety Data Sheet

Issued: 10/3/03 Supercedes: 8/15/01

### Section I - Chemical Product and Company Identification

Manufacturers name IKONICS Corporation

Address 4832 Grand Avenue, Duluth, MN 55807

Telephone number 218 628-2217 Customer Service

Emergency phone number 800 424-9300 Chemtrec USA / 703/527-3887 International (collect)

Product name Magna/Cure Film, all thicknesses

Use Photostencil Film

### Section II - Hazardous Ingredients

Ingredients	Percent	CAS#	OSHA PEL	ACGIH TLV	VAPOR PSI
Acrylate Oligomers	Trade secret	Trade secret	Not established	Not established	Not established
Photoinitiators	Trade secret	Trade secret	Not established	Not established	Not established

## Section III - Physical Data

Appearance Blue/Green Film Boiling point Not Applicable Weight (per gallon) Not Applicable Percent volatile (by wt) Not Applicable Solubility in water Not Applicable Evaporation rate Not Applicable Vapor density Not Applicable VOC Not Applicable

# Section IV - Fire and Explosion Data

Flash point Not Applicable

Extinguishing media Class B fire extinguisher

Unusual fire & explosion hazards Under high heat, decomposition may present a hazard.

Special fire fighting procedures For full protection, fire fighters are recommended to wear NIOSH-MSHA approved

self-contained breathing apparatus and chemical resistant clothing.

#### Section V - Health Hazard Data

HMIS Codes 1-1-0-G Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4

Effects of overexposure

Eye contact No specific information available. May cause eye injury.

Skin contact May cause skin injury (reddening or swelling) and / or sensitization /allergic reaction.

Prolonged contact may cause blister formations (burns).

Inhalation No specific information available.

Ingestion No specific information available.

First aid emergency procedures

Eye Flush with plenty of water for at least 15 minutes and seek medical attention. Skin Wash with soap and water, should irritation occur, seek medical attention.

Inhalation Remove to fresh air.

Ingestion If appreciable quantities are swallowed, seek medical attention

### Magna/Cure Film, all thicknesses

Material Safety Data Sheet

Issued: 10/3/03 Supercedes: 8/15/01

### Section VI – Reactivity Data

Incompatibility (materials to avoid) None

Hazardous decomposition products

Carbon monoxide & carbon dioxide

Hazardous polymerization

May occur \_\_ Will not occur \_X

#### Section VII – Spill or Leak Procedures

Spill cleanup instructions Not Applicable

Waste disposal method Dispose in accordance with federal, state, and local laws.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state, or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

### Section VIII - Control Measures / Personal Protection

Engineering controls Ventilation – Local exhaust recommended, but not required. Provide adequate

ventilation as necessary.

Personal Protection Equipment (PPE)

Gloves Rubber or neoprene gloves are required. Eye Personal eye protection is required.

Respiratory Wear O.S.H.A. (29CFR 1910.134) protection as necessary.

Where contact may occur

Safety shower and eyewash

Use the proper PPE.

Should be available.

## Section IX - Handling and Storage

Handling and storage information Chromaline recommends that film be stored in a cool, dry area. For maximum

shelf life, store film between  $65^{\circ}F$  and  $75^{\circ}F$  ( $20^{\circ}C-25^{\circ}C$ ). Film degrades quickly when stored above  $110^{\circ}F$ . Store film in sealed tube when not in use.

CACH

T :-4- 4

Other precautions Industrial use only. Keep out of reach of children.

Do not take internally.

## Section X – Regulation Information

DOT classification Not a DOT controlled material (United States).

TSCA All ingredients are listed chemicals in the TSCA registry.

California (Prop 65)

This product contains chemical(s) known to the State of California to cause

cancer (c) or reproductive (r) damage.

	CAS#	Listea
<0.00003 % Arsenic (c) (r)	N/A	N/A
<0.00001 % Cadmium (c) (r)	N/A	N/A
<0.000005 % Chromium (c) (r)	N/A	N/A
<0.00003 % Lead (c) (r)	N/A	N/A
<0.00002 % Mercury (c) (r)	N/A	N/A
<0.000001 % Cobalt (c) (r)	N/A	N/A
<0.0000006 % Nickel (c) (r)	N/A	N/A

Approved by: VP Technology, Toshi Komatsu 218 628-2217 ext.142

#### Notice to reader

(Approved by U.S. Department of Labor "Essentially Similar" to form OSHA-20)

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and / or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.