

# The Chromaline Corporation

## MATERIAL SAFETY DATA SHEET



(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 our 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.

### Section I - Chemical Product and Company Identification

Manufacturer's Name

The Chromaline Corporation

Street Address

4832 Grand Avenue

City, State, and Zip Code

Duluth, MN 55807

For product information or customer service: 218/628-2217

#### Hazardous Materials Identification System (HMIS)

Health	1
Flammability	1
Reactivity	0
Personal Protection	G

minimal	0
slight	1
moderate	2
serious	3
severe	4

For Chemical Emergencies contact:

CHEMTREC Emergency Telephone No.

United States - 800/424-9300

International - 703/527-3887 (collect)

Product Class

Photostencil Film

Chemical Name (CAS #)

N/AP

Trade Name

Formula

N/AP = Not Applicable

Photopolymer

N/AP

PHAT Film

### Section II - Hazardous Ingredients

Ingredient	PERCENT	TLV		LEL	VAPOR PRESSURE mm Hg, 20°C
		PPM	mg/M <sup>3</sup>		
Acrylate Oligomers	Not Established	-----	-----	-----	-----
Acrylate Monomers	Not Established	-----	-----	-----	-----
Photoinitiators	Not Established	-----	-----	-----	-----

### Section III - Physical Data

Boiling Range N/AP

Vapor Density Not Established

Evaporation Rate N/AP

Percent Volatile  
by Weight N/AP

Weight per  
Gallon N/AP

### Section IV - Fire and Explosion Hazard Data

Flash Point - N/AP

Extinguishing Media - "Class B" Fire extinguisher

Unusual Fire and 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.

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## Section V - Health Hazard Data

Threshold Limit Value Not Established

Effects of Overexposure

Ingestion: No specific information available.

Inhalation: No specific information available.

Skin contact: may cause skin injury (reddening and swelling) and/or sensitization/allergic reaction. Prolonged contact may cause blister formations (burns).

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

Emergency and First Aid Procedures - **Skin**: wash exposed area with water and soap. If there is any persisting irritation, seek medical attention. **Eyes**: Flush eyes with plenty of water. If irritation persists, consult a physician. **Ingestion**: If appreciable quantities are swallowed, seek medical attention. **Inhalation**: Remove to fresh air.

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## Section VI - Reactivity Data

Stability  Unstable  Stable

Conditions to Avoid: Strong light and high heat.

Incompatibility (Materials to Avoid) None

Hazardous Decomposition Products

Carbon Monoxide & Carbon Dioxide

Hazardous Polymerization  May Occur  Will Not Occur

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## Section VII - Spill or Leak Procedures

Steps to Be Taken In Case Material Is Released Or Spilled

N/AP

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.

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## Section VIII - Special Protection Information

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

Ventilation Local exhaust recommended, but not required. Provide adequate ventilation as necessary.

Protective Gloves Rubber or neoprene gloves are required.

Eye Protection Personal eye protection is required.

Other Protective Equipment - None

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## Section IX - Special Precautions

Precautions To Be Taken In Handling And Storing

Chromaline recommends that film be stored in a cool, dry area. For maximum shelflife, store film between 65° F and 75° F (20°C - 25°C). Film degrades quickly when stored above 110° F. Store film in sealed tube when not in use.

Other Precautions - Do not take internally. Keep out of reach of children. Industrial Use Only.

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## Section X - Regulatory Information

DOT Category Not regulated

TSCA All ingredients are listed chemicals in the TSCA registry.

Product Photopolymer  
PHAT Film

Issued Date 8/15/01  
Supercedes 11/15/99

Approved By Toshifumi Komatsu