

# 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	0
Reactivity	0
Personal Protection	H & O

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

Water Based Emulsion

Chemical Name (CAS #)

N/AP

Trade Name

Formula

N/AP = Not Applicable

UDC 1, 2, 3 and HV

N/AP

### Section II - Hazardous Ingredients

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

### Section III - Physical Data

Boiling Range 100=C (212=F)

Vapor Density Not Established

Evaporation Rate Not Established

Percent Volatile  
by Weight 61-68 %

Weight per  
Gallon 8.82lb/gal.

Solubility in Water Miscible

### Section IV - Fire and Explosion Hazard Data

Flash Point - Greater than 200°F

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. Low volatility makes vapor inhalation unlikely.

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

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

Emergency and First Aid Procedures - **Skin**: Remove contaminated clothing and wash exposed area with water and soap for at least 15 min. 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

Contain spills with absorbent material and dispose of saturated absorbent.

Waste Disposal Method

Use proper eye and skin protection. Place leaking container in a well ventilated area. Dilute the spill with water and absorb the spill with inert material and 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 - Do not breathe vapors or mists. 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 - For operations where contact can occur, use a face shield, impervious body covering, and boots. A safety shower and eye wash facility should be available.

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## Section IX - Special Precautions

Precautions To Be Taken In Handling And Storing

Store away from extreme heat and do not freeze.

Other Precautions - Do not take internally. Avoid splashing in eyes. 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.

California Proposition 65: The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemical(s) known to the state of California to cause cancer (c) or reproductive (r) damage.

<0.0016%	Acetaldehyde (c)	75-07-0	listed April 1, 1988
<0.0076%	Formaldehyde (c)	50-00-0	listed January 1, 1988

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