

Date: 1-1-2005

Material Safety Data Sheet

Hilite & Aerosol Hilite

Section I – Identification

Company Name and Address: Cleveland Lithichrome Inc
1024 East Wall Street
Fort Scott Kansas 66701
Phone Number: (316) 223-3201
Emergency Phone Number: (316) 223-0115
Trade Name: Hilite
Chemical Family: N/A
Chemical Formula: N/A

Section II – Hazardous Ingredients

Hazardous Components	Hazardous %	TLV (Units)
Pigments,	3.5	N/A
Acrylic Resins,	4.5	N/A
Vinyl Resins	8.5	N/A

Prod. Cas#	Hazardous %	TLV (Units)
Methyl Isobutyl Ketone 108-10-1	73	100
Xylol (Xylene) 1330-20-7	10.5	100

*listed on Sara 313
Health 2 (moderate) Flammability 3 (high) Reactivity 0 (least)

Section III – Physical Data

Boiling Point (F)	237° F
Freezing Point (F)	No Data
Percent Volatiles	100
Melting Point (F)	N/A
Vapor Pressure	(mm of Hs)@20°C:11.9
Vapor Density (Air=1)	3.7
Solubility in H2O	Negligible
Appearance / Odor	White Color J- Ketone
Specify Gravity (H2o=1)	0.836
Evaporation Rate	8.3
PH	N/A

Section IV – Fire and Explosion Hazard Data

Flash Point	18°C/64°F (TCC) Lowest Flashing Component
Lower Flame Limit	1.3
Higher Flame Limit	7.5
Extinguish Media	NFPA Class B Extinguishers (co2 or foam)- Media: For Class I B Liquid Fires
For Fire	Evacuate area of unprotected personnel. Wear protective clothing. Wear NIOSH-Approved self-contained breathing apparatus. Run off from fire control may cause pollution.

After Spray may be ineffective on fire but can protect fire fighters cool closed containers use fog nozzles if water is used.

Section V – Health Hazard Data

Methyl Isobutyl Ketone	100ppm –OSHA-PEL	ACGIH-TLV	ACGIH-STEL
	100 ppm	50 ppm	75 ppm
Xylol (Xylene)	–OSHA-PEL	ACGIH-TLV	ACGIH-STEL
	100 ppm	100 ppm	150 ppm

Over Exposure Effects

INHALING: Anesthetic Irritates Respiratory Tract. May cause serious nervous system depression.
Eye: Primary irritation. EFFECTS OF Swallowing AND CHRON OVER EXPOSURE: vapor harmful. Liquid causes eye irritation.
Skin: Liquid may cause skin irritation harmful or fatal if swallowed.

First Aid Procedures

Eye Contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention.
Skin contact: Wash with plenty of water. Remove any contaminated clothing. If irritation persists, call a physician.
If inhaled: remove to fresh air. If ingested: do not induce vomiting. If exposed to high concentration of vapor remove to fresh air. Never give anything by mouth to an unconscious person. If swallowed call a physician immediately. Take immediately to a hospital for medical assistance.

Section VI–Reactivity Data

Stability	Stable
Conditions to avoid	Isolate from heat, sparks, electric equipment & open flame
Incompatibility (Materials to avoid)	Isolate from strong oxidizers such as permanganate
Hazardous Polymerization	Will not occur

Section VIII–Spill or Leak Procedures

Steps to be taken in Case Material is released or spilled	Isolate from oxidizers, heat, sparks, electric equipment & open flame
Waste Disposal Method safety and pollution laws.	Recycle or incinerate observing local, state & Federal health,

Section VIII–Special Protection Information

Respiratory Protection	The use of respiratory protection is advised when concentrations Exceed the established exposure limits, (see section V). Depending on the airborne concentration use a respirator or gas mask with appropriate organic vapor cartridge and canisters (NIOSH approved, if available) or supplied air equipment
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