

1-1-2005

Material Safety Data Sheet

Section I:

Manufacturer's Name: Cleveland Lithichrome Inc.
1024 East Wall Street
P.O. Box 326
Fort Scott, Kansas 66701
316-223-3210

Trade Name: **Bondri**

Chemical Family: N/A
Formula: N/A

Section II: Hazardous Ingredients

Ingredient	%	TLV	CAS #	VOL (%)
Polvalkalmethylsiloxanne Resin 2	N/A		2	
Mineral Spirits	98	100 (ppm)	8002-05-9	98

*Listed on SARA 313

Hazardous Materials Identification System Code:

Health 2 (Moderate)
Flammability 2 (Moderate)
Reactivity 0 (Least)

Section III: Physical Data

Boiling Point: 163°F 132°F 201°C
Vapor Pressure (mm of Hg)@20°C: 1.7
Vapor Density (Air=1): 4.7
Solubility in water: Negligible
Appearance and odor: clear, water; Aromatic
Specific Gravity (water=1): 0.796
Percent Volatile by Volume (%): 100
Evaporation Rate: 60.2

Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used): 46°C/115°F (TTC) (Lowest Flashing Component)
Lel 1.0
Uel 5.0
Extinguishing Media: NFPA Class R Extinguishers (CO₂ or foam) – Media: for class II liquid fires.
Special Fire Fighting Procedures: Water Spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used. Use air-supplied breathing masks.
Unusual Fire and Explosion Hazards: FLAMMABLE! Keep container tightly closed. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.

Section V: Health Hazard Data

<u>Threshold Limit Value:</u>	OSHA-PEL	ACGIH-TLV
Mineral Spirits (100 ppm)	100 ppm	100 ppm

Effects of Overexposure:

Inhaling- Anesthetic, irritates respiratory tract. May cause serious nervous system depression.

Skin or Eye Contact- Primary irritation.

Swallowing- Harmful or fatal.

Chronic Over-Exposure- Vapor harmful. Liquid causes eye and skin irritation.

Emergency and First Aid Procedures:

In case of contact with skin, flush with plenty of water. For eyes, flush with plenty of water for 15 minutes and get medical attention. If exposed to high concentration of vapor, remove to fresh air. If swallowed, call a physician IMMEDIATELY: do NOT induce vomiting.

Section VI: Reactivity Data

Stability:	Stable
Conditions to avoid:	Isolate from heat, sparks, electric equipment and open flame.
Incompatibility:	Isolate from strong oxidizers such as permanganate.
Hazardous Decomposition Products:	Carbon Monoxide from burning.
Hazardous Polymerization:	Will not occur.

Section VII: Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Isolate from oxidizers, heat, sparks, electric equipment and open flame.

Waste Disposal Method:

Recycle or incinerate observing local, state and Federal health, safety and pollution laws.

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. A half mask may be used. However, a full mask is recommended for high concentrations.

Ventilation:

Local- Preferable
Mechanical-Acceptable

Protective gloves:

Recommended (Must not dissolve in solvents).

Eye Protection:

Eye goggles required.

Section IX: Special Precautions

Precautions to be taken in handling and storing:

Do not store above 49°C/120°F. Store large amounts in structures made for OSHA Class I B liquids. Avoid free fall liquid. *Ground containers when pouring. Do not flame cut, saw braze or weld.

Empty container hazardous! Continue all label precautions! *Only applicable to 5 gallon containers or larger.