

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)
 Lithocraft Isopropyl Alcohol

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

| | |
|--|--|
| Manufacturer's Name REL Graphic Systems & Marketing Corp. | Emergency Telephone Number 815/740-7050 Silver Cross Hosp. Hotline 24hrs |
| Address (Number, Street, City, State, and ZIP Code) 218 North Clinton Street | Telephone Number for Information 312/454-1447 |
| Chicago, IL 60606 | Date Prepared JANUARY 1994 |
| | Signature of Preparer (optional) |

Section II — Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|---------------------------|--------------|
| Isopropanol | | *400ppm | | |
| | | | *Stel 500ppm (15 minutes) | |
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Section III — Physical/Chemical Characteristics

| | | | |
|--|---------------------------|--|--------|
| Boiling Point | 180°F | Specific Gravity (H₂O = 1) | 0.8 |
| Vapor Pressure (mm Hg.) @ 20°C | 33 | Melting Point | N/A |
| Vapor Density (AIR = 1) | | Evaporation Rate (Butyl Acetate = 1) | Faster |
| Solubility in Water | Complete | | |
| Appearance and Odor | Clear liquid medium odor. | | |

Section IV — Fire and Explosion Hazard Data

| | | | |
|---|-------------------------|-----------------|------------------|
| Flash Point (Method Used) TCC 53°F | Flammable Limits | LEL 2 | UEL 12 |
| Extinguishing Media Carbon dioxide, dry chemical, foam and water fog. | | | |
| Special Fire Fighting Procedures None | | | |
| Unusual Fire and Explosion Hazards None | | | |

(Reproduce locally)

Section V -- Reactivity Data

| | | | |
|-----------|----------|---|--|
| Stability | Unstable | | Conditions to Avoid Flame, sparks, ignition source & electrical arcs. |
| | Stable | X | |

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

| | | | |
|--------------------------|----------------|---|---------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | X | |

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion? X

Health Hazards (Acute and Chronic)

Acute: Moderate eye irritant. Slightly toxic by inhalation and ingestion. Chronic: Irritating to mucus membranes.

Carcinogenicity: N/A NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure Dizziness, nausea or unconsciousness.

Medical Conditions
Generally Aggravated by Exposure

Emergency and First Aid Procedures

Remove to fresh air, restore breathing if necessary. Skin: Wash with soap and water.

Eyes: Flush with cool water for 15 minutes.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill and pump into drums or soak small spills in absorbent medium. Finally flush spill with cool water. If large spills enter sewer notify local, state and federal authorities.

Waste Disposal Method

Scavenger service. Dispose in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Store in dry, ventilated area away from excessive heat or strong oxidizing agents.

Other Precautions

Ground containers when transferring.

Section VIII -- Control Measures

Respiratory Protection (Specify Type)

| | | | |
|-------------|----------------------|----------|---------|
| Ventilation | Local Exhaust | Required | Special |
| | Mechanical (General) | | Other |

Protective Gloves

Neoprene

Eye Protection

Glasses or goggles.

Other Protective Clothing or Equipment

Standard work clothing.

Work/Hygenic Practices

Standard hygenic practices.