

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: CI Red Insulating Varnish
Manufacturer: Chem International
Address: 10770-180 Street NW, Edmonton, AB T5S 2S4
Emergency Phone: Infotrac @ 1-800-535-5053

2. HAZARDS IDENTIFICATION

SIGNAL WORD: DANGER

- Flammable Aerosol - Category 1
- Gases under pressure - Liquefied gas
- Skin irritation - Category 2
- Toxic to Reproduction - Category 1B
- Specific Target Organ Toxicity (Single Exposure) - Category 3
- Specific Target Organ Toxicity (Repeated Exposure) - Category 2

Hazard Phrases:

- Extremely flammable aerosol. Contains gas under pressure; may explode if heated.
- Causes skin irritation. May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	CAS #	Percent (%)
Acetone	67-64-1	25-50
Propane	74-98-6	15-25
n-Butane	106-97-8	5-10
Toluene	108-88-3	5-10
n-Butyl Acetate	123-86-4	1-5
Glycol Ether EB	2807-30-9	1-5
Isopropyl Alcohol	67-63-0	1-5
Xylene	1330-20-7	1-5

4. FIRST AID MEASURES

Eye: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air. If irritation occurs, seek medical attention.

Ingestion: If large amounts are ingested, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray or fog, foam, carbon dioxide, or dry chemical.

Hazards: Extremely flammable aerosol. Containers may rupture or explode in heat.

Protection: Wear SCBA and full protective clothing. Cool containers with water.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment. Collect liquid spill with an inert absorbent.

Environmental: Report spills and releases as required to appropriate authorities.

7. HANDLING AND STORAGE

Handling: Avoid eye and prolonged skin contact. Do not transfer to unlabeled containers.

Storage: Store away from extreme heat, open flames, and oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Acetone: OSHA PEL 2400 mg/m³, 1000 ppm

Propane: OSHA PEL 1800 mg/m³, 1000 ppm

Protection: Rubber or nitrile gloves; safety glasses; NIOSH approved respirator if limits exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red Aerosol
Odor:	Aromatic solvent-like
Boiling Point:	-44°C (-47°F)
Flash Point:	-19°C (-2°F)
Specific Gravity:	0.7 - 0.8
VOC Content:	49.1% (773 g/L)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage and handling conditions.
Conditions to Avoid: Application to hot surfaces; extreme heat.

11. TOXICOLOGICAL INFORMATION

Inhalation: No adverse effects at ambient temperatures; fumes may irritate.
Ingestion: May cause gastrointestinal irritation, nausea, and vomiting.
Carcinogen Status: Components not listed as carcinogens by IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

Hazardous for water. Do not empty into drains or waterways.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal guidelines. Incineration preferred.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, Limited Quantity

IATA Proper Shipping Name: Aerosol, Flammable, Class 2.1, UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: Toluene, Isopropyl Alcohol, Xylene.

TSCA: All components listed on EPA TSCA Inventory.

Prop 65 Warning: Contains ethyl benzene and toluene (cancer/birth defects).

16. OTHER INFORMATION

Prepared by: Chem International Technical Services

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