



# PT. CITRA TRININDO INDONESIA

Contractor, Mechanical, Electrical, Fabrication, Chemical General Trading

JL. Raya Cikarang Cibarusah No. 12 Telaga Pasir Raya, Bekasi, Jawa Barat 17330

Telp & Fax. (021) 29253566 E-mail : [info.ptcti18@gmail.com](mailto:info.ptcti18@gmail.com)

[www.perlengkapanindustri.com](http://www.perlengkapanindustri.com) | [www.Tokokimia.org](http://www.Tokokimia.org) | [www.Tabungpemadamapi.co.id](http://www.Tabungpemadamapi.co.id)

HAZARD RATING	MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
HEALTH				~	
FLAMMABILITY					~
REACTIVITY	~				

## PROLIX

### P 704 RED INSULATING VARNISH

#### MATERIAL SAFETY DATA SHEET

##### Section I – PRODUCT IDENTIFICATION

TRADE NAME	P 704 RED INSULATING VARNISH
CHEMICAL NAME	N. Disp. – N. Avail.
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. – N. Avail.

##### Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
Polyurethane	40 %
Xylene	10%
Iso Hexane	8%
N-Hexane	17%
Propane / Isobutane / n-Butane	25%

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS



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## Section III – PHYSICAL / CHEMICAL CHARACTERISTIK

BOILING POINT Range	-40°F to 284°F	SPECIFIC GRAVITY ( H <sub>2</sub> O = 1 )	0.75
VAPOR PRESSURE PSIG @ 70°F	60	MELTING POINT PH Liquid	N/A
VAPOR DENSITY Heavier than air	4.0	EVAPORATION RATE ( Butyl Acetate = 1 )	>1
Solubility in water Nil	Appearance and Odor Red / Solvent		

## Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method Used) -142°F TCC	Flammable Limits	LEL 1.8	UEL 9.5
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### EXTINGUISHING MEDIA

Use water fog, dry chemical or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Aerosol cans may rupture when heated.

### FIRE AND EXPLOSION HAZARDS

Heated cans may burst.



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## Section V – Reactivity Data

STABILITY	Unstable		Condition to Avoid
	Stable	~	High Temperatures

### INCOMPATIBILITY (MATERIAL TO AVOID)

Incompatible with strong oxidizers, strong alkalis, strong mineral acids.

### HAZARDOUS DECOMPOSITION OR BY PRODUCTS

In fire, will decompose to carbon dioxide, water.

HAZARDOUS	May Occur		Condition to Avoid
POLYMERIZATION	Will not Occur	~	None

## Section VI – Health Hazard Data

ROUTE (S) OF ENTRY	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

### HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause deffating of skin.

effects are reversible. Long term exposure (years) to high concentrations of vapor may cause

lung, liver or kidney damage. The solvents listed have been reported to affect the central

nervous system.

Aspiration hazard if swallowed. Eye and skin irritant. Eye irritation may be severe.

May irritate respiratory tract. Overexposure to toluene may cause nasal and brain damage.

CARCINOGENICITY	NTP?	IARC Monographs?	OSHA Regulated?
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### SIGNS AND SYMPTOMS EXPOSURE

Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting.

### MEDICAL CONDITIONS

Generally Aggravated by Exposure: Heart Disease: Respiratory Disorders.

### EMERGENCY AND FIRST AID PROCEDURES

Give oxygen – Do not induce vomiting – Gastric lavage – Wash eyes and skin with water.



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## Section VII – Precautions for Safe Handling and Use

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

### WASTE DISPOSAL METHOD

Dispose as hazardous waste in accordance with EPA RCRA

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

OTHER PRECAUTIONS: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

## Section VIII – Control Measures

### RESPIRATORY PROTECTION (SPECIFY TYPE)

Self contained breathing apparatus if above TLV limit exceeding

Ventilation	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

### PROTECTIVE GLOVES

None required if spraying

### EYE PROTECTION

Wear eye protection

### OTHER PROTECTIVE CLOTHING

Long sleeve and long pants

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.