



# PT. CITRA TRININDO INDONESIA

Contractor, Mechanical, Electrical, Fabrication, Chemical General Trading

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

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www.perlengkapanindustri.com | www. Tokokimia.org | www. Tabungpemadamapi.co.id

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

## PROLIX

### P701 ELECTRIC CONTACT CLEANER

#### MATERIAL SAFETY DATA SHEET

#### Section I – PRODUCT IDENTIFICATION

TRADE NAME	<b>P701 ELECTRIC CONTACT CLEANER</b>
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
Trichlorotrifluoroethane	77 %
1,1,1,2 Tetrafluoro ethane	20 %
Carbon Dioxide	3 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

#### Section III – Physical / Chemical Characteristics

BOILING POINT Range	75 °F To 117 °F	SPECIFY GRAVITY ( H <sub>2</sub> O = 1 )	1.5
VAPOR PRESSURE PSIG @ 70 °F	70	MELTING POINT PH Liquid	N/A
VAPOR DENSITY Heavier than water	4.0	EVAPORATION RATE ( Butyl Acetate = 1 )	>1
Solubility in water None	Appearance and Odor Clear / Ethereal		

#### Section IV – Fire and Explosion Hazard Data

FLASH POINT ( Method Used ) NONE	Flammable Limits	LEL NONE	UEL NONE
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#### EXTINGUISHING MEDIA

Use water fog, dry chemical or carbon dioxide

#### FIRE FIGHTING PROCEDURES

Aerosol cans may rupture when heated

#### FIRE AND EXPLOSION HAZARDS

Heated cans may burst

#### Section V – Reactivity Data

STABILITY	Unstable		Condition to Avoid
	Stable	~	High temperatures

#### INCOMPATIBILITY ( MATERIAL TO AVOID )



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Alkali or alkaline earth metals – powdered Al, Zn, Be, etc.

## HAZARDOUS DECOMPOSITION OR BY PRODUCTS

Hydrochloric and hydrofluoric acids and possible carbonyl halides.

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

## Section VI – Health Hazard Data

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

## HEALTH HAZARDS ( ACUTE AND CHRONIC )

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effect are reversible. Long term exposure ( years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvent listed have been reported to affect the central nervous system.

Mild skin and eye irritation.

Cardiac arrythimia may occur at high concentrations

Vapor may reduce oxygen available for breathing.

May irritate respiratory tract

CARCINOGENICITY	NTP?	IARC Monographs?	OSHA Regulated?
Presently not on any list			

## SIGNS AND SYMPTOMS OF 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.

## 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 temperature below 120 °F

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

## Section VIII – Control Measures

### RESPIRATORY PROTECTION ( SPECIFY TYPE )

Self contained breathing apparatus if above TVL limit exceeding.

Ventilation	Local Exhaust Yes	SPECIAL None
	Mechanical ( General ) None	Other 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.



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## **PROLIX**

### **P 701 ELECTRIC CONTACT CLEANER**

**NON FLAMMABLE**

**BC-511 ELECTRIC CONTACT CLEANER** is proven technically to be stable, inert and high purity cleaning solvent for electronic and electrical device. Removes dust, moisture, oils on the electrical and electronics equipments. Safe for plastics, low in toxicity, non flash point, leave no residue, non corrosive and contain no lubricant. It help to restore an maintain the performance of high precision electronic instruments and components.

#### **APPLICATIONS**

PC Board	Oscilloscope	Tape Radio
Contractor	Computers	Video Head
Circuit Breaker	Connectors	Marine Electronic
Electrical Panels	Precision Electronic	Equipment
Laboratory	Equipment	Electronic
Peripherals	Telecommunications	Equipment

#### **SPEIFICATION**

Odour	: Mild
Flash Point	: None
Dielectric Strength	: Excellent
Evaporation Rate	: Very Fast
Residue	: Nil
Ventilation Rate	: 9000 cfm 2
Specific Gravity	: 1.4

#### **DIRECTIONS**

Provided extension tube hard to reach area. Test on sample of same material to insure compatibility to obtain maximum cleaning effect, spray directly onto contacts while operating.

**PACKAGING** : 12 Cans / Box ( 480 gram / can )

**FOR INDUSTRIAL USE**