



CV.RACHEM TRININDO

Industrial Chemicals Specialist ,Mekanikal ,Elektrikal & Industrial Spare Part

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	P701 ELECTRIC CONTACT CLEANER
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 Tetrafluro 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 ₂ 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)

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



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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 arrythymia 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.

EMERGENCYAND FIRST AID PROCEDURES

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

Section VII – Precautions for Save 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	SPECIAL
	Yes	None
	Mechanical (General)	Other
	None	None

PROTECTIVE GLOVES	EYE PROTECTION
None required if spraying	Wear eye protection

OTHER PROTECTIVE CLOTHING	Long sleeve and long pants
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Work/Hygienic Practices : Do not smoke while using. Wash Hands After use.



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Technical Data Sheet

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 and 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