



CV.RACHEM TRININDO

Industrial Chemicals Specialist ,Mekanikal ,Elektrikal & Industrial Spare Part

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

PROLIX

P 710 MOULD RELEASE AGENT NON PAINTABLE

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	P 710 MOULD RELEASENONPAINTABLE
CHEMICAL NAME	N. Disp. - N. Avail.
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. - N. Avail.

Section II – HAZARDOUS INGRDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
Polysiloxane	1 – 10 %
Hydro Carbon Solvent	50 %
Propane/Isobutane/Butane	40 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-41.4 °F to 159 °F	SPECIFIC GRAVITY (H ₂ O = 1)	0.8
PRESSURE PSIG @ 70 °F	56	MELTING POINT PH Liquid	N/A
DENSITY (air = 1) Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance an Odor Amber / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method Used) Based on Hexane – 10 °F TCC	Flammable Limits N/A	LEL 1.0	UEL
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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 HAZARD

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, alkali or alkali earth metals-powdered Al, Zn, Be, etc			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS			
In fire, will decompose to carbon dioxide, water, hydrochloric or hydrofluoric acids, chlorine.			
HAZARDOUS	May Occur		Condition to Avoid
POLYMERIZATION	Will not Occur	~	None

Section VI – Health hazard Data

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 defatting 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.			
Hexane may damage peripheral nerve tissue			
May cause frostbite. Vapor reduces oxygen available for breathing and is heavier than air.			
May cause cardiac abnormalities.			
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. Hearth 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 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 MENTHOD			
Dispose as hazardous waste in accordance with EPE 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 consecutively 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		EYE PROTECTION	
None required if spraying		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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Technical Data Sheet

PROLIX **P 710 MOULD RELEASE NON PAINTABLE**

Mould Release is a highly effective release agent producing especially fine results with hard-to-release agent producing especially fine results with hard-to-release materials such as polyurethane but can also be used as a general purpose release agent. It is formulated with pure silicone to give maximum release effect. Its low surface tension gives a maximum release effect with no sticking, spotting, or making.

APPLICATION

Mold Release formulated for use in all mold applications. May be used for acrylic, cellulosic, polystyrene, polyesters, polyurethanes, rubber, various plastics, and sandcore release for metal casting.

ADVANTAGES

- Helps produce clean pieces with a fine “feel” and a high gloss surface.
- Helps prevent-sticking on straight sides or fearing of thin sections
- Helps eliminate orange peel and blisters
- Gives multiple releases; speeds cycling. Multiple releases with one application from molds of aluminium, steel, etc... cast, compression or injection. Easily applied. Speed work. Increases production. Concentrated to give more releases per applications.
- Keep molds cleaner. Will not oxidize or carbonize. Keep molds in service longer. Lengthens stripping cycle. Thin coat required will not alter mold dimensions or details.

PACKAGING : 12 Cans / box (400 gram / can)

FOR INDUSTRIAL USE