HEALTH		~			
FLAMMABILITY				~	
REACTIVITY		~			

PROLIX

P 709 MOULD RELEASE AGENT PAINTABLE

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	**P 709 MOULD RELEASE PAINTABLE**
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
White Petroleum	1 – 10 %
N-Hexane	50 %
Propane/Butane	40 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-41.4 ^{o}F to 150 ^{o}F	SPECIFIC GRAVITY (H_2O = 1)	0.76
PRESSURE PSIG @ 70 ^{o}F	56	MELTING POINT PH Liquid	N/A
VAPOR DENSITY (AIR=1) Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance and odor Amber / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method used) Based on Hexane – 10 ^{o}F TCC	Flammable Limits	LEL 1.0	UEL
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			

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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 alkaline earth metals powdered Al, Zn, Be, etc.

HAZARDOUS DECOMPOSITIONS OR BY PRODUCTS
In fire, will decompose to carbon dioxide, water, hydrochloric, hidrofluoric acids, chlorine

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. Effect 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 cause 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 METHOD
Dispose as hazardous waste in accordance with EPA RCRA

PRECAUTIONS TO BE TAKEN HANDLING AND STORING
Keep away from heat, sparks, or open flame. Store at temperatures below 120 ^{o}F

OTHER PRECAUTIONS : When spraying more than one half can consecutively 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 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.

CV.RACHEM TRINDO

Industrial Chemicals Specialist ,Mekanikal ,Elektrikal & Industrial Spare Part

Technical Data Sheet

PROLIX

P 709 MOULD RELEASE 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, polystryrene, polyesters, polyurethanes, rubber, various plastics, and sandscore 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 : 24 Cans / box (420 – 480 ml / can)

FOR INDUSTRIAL USE

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