



CV. RACHEM TRININDO

Industrial Chemicals Specialist ,Mekanikal ,Elektrikal & Industrial Spare Part

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

PROLIX

P705 PENETRATING OIL

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	P 705 PENETRATING OIL
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
Petroleum Oil	1 – 10 %
Paraffinic Process Oil	10 – 20 %
Kerosene	50 – 60 %
Propane / Isobutane / n - Butane	20 – 30 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-40 °F to >600 °F	SPECIFIC GRAVITY (H ₂ O = 1)	0.7
PRESSURE PSIG @ 70 °F	54	MELTING POINT PH Liquid	N/A
DENSITY	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) - 142 °F TCC	Flammable Limits	LEL 1.8	UEL 9.5
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, acids, alkalis			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS			
In fire will decompose to carbon dioxide, water, pyrolysis products.			
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 HAZARD (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 solvent listed have been reported to effect the central nervous system.			
Aspiration hazard if swallowed. Eye and skin irritation			
May irritate respiratory tract.			
CARCINOGENICITY	NIP?	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 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	



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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.	

PROLIX P705 PENETRATING OIL

Technical Data Sheet

Penetrating Oil formulated to protect, penetrate, loosen, clean rusted and corroded parts. It works into crevices, cracks, metal-to-metal joints leaving an oily film with high lubricity and corrosion inhibiting actions. Its deep penetrating action loosens rust and carries lubricant into all internal surfaces. Contains no acid which would harm the basic metal or adjoining paint, plastic or wood.

APPLICATION

Disassembling nuts, bolts, studs and pipe fittings removing gears and pulleys; pressing off bearing, freeing stuck valves and frozen bearings; loosening up roller chains and conveyor belt drives, disassembling machinery.

- Penetrated and works on contract
- Loosens rusted and corroded parts
- Clean removes light rust
- Save time and labour costs
- Contain corrosion inhibitor
- Protect metals and parts

SPECIFICATIONS

Colour	: Clear Amber
Odour	: Pleasant Odour
Solvency	: Excellent
Water emulsifiable	: No
Evaporation rate	: Slow

DIRECTIONS

Spray directly on the surface using hard spray or apply by brush, wiping or immersion. For application on rusty bolts and nuts, allow to stand 6 to 10 minutes.

PACKAGING : 12 Cans / box