



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

09 Juni 2022

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

PROLIX SUPER SILICONE AND LUBE NON FLAMMABLE MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	SUPER SILICONE AND LUBE
CHEMICAL NAME	N. Disp. - N. Avail.
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. - N. Avail.

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	NO. CAS	SPECIFY SPECIES AND ROUTE
Polysiloxane	63148538	1 – 10 %
Tetrafluoroethane	811-97-2	30 %
N2	-	20 %
Silicone Oil		15%
Difluoroethane	75-37-6	20 %
Perchloraethylen		15 %

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



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Solubility in water Nil	Appearance an Odor Amber / Solvent
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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

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

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.



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May cause cardiac abnormalities.

CARCINOGENICITY Regulated?	NTP?	IARC Monographs?	OSHA
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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 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

None required if spraying

EYE PROTECTION

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.

Technical Data Sheet

PROLIX SUPER SILICONE AND LUBE

Super Silicone 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

Super Silicon formulated for use in all mold applications. May be used for acrylic, cellulosic, polystyrene, 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 (400 gram / can)

FOR INDUSTRIAL USE