



# Section 1: Product and Company Identification

Product Name: Leak-Tite® Blue

Product Code: 46029 (1pt. BIC), 46013 (1 qt.), 46049 (qt. BIC), 46014 (1 gal.), 46015 (5 gal.), 46069 (55 gal.)

**Product Use:** Pipe thread sealant; mixture of refined mineral oils, greases and non-hazardous mineral substances.

Manufacturer: LA-CO Industries, Inc.

1201 Pratt Boulevard Elk Grove Village, IL.

60007-5746

**Phone Number:** (847) 956-7600

Fax: (847) 956-9885

24-hour Emergency: CHEMTREC: (800) 424-9300

### Section 2: Hazards Identification

Protective Clothing	NFPA Rating (USA)	EU Classification	WHMIS (Canada)	Transportation
	000	Not classified as dangerous	Not controlled	Not Regulated

**Emergency Overview:** Exposure to hazardous substances is not expected when handling this product for its intended

use. Extreme heating (>300°C) or during a fire may generate dense smoke, irritating and toxic

fumes.

Appearance, Color and Odor: Blue colored paste with mild odor.

USA: This material is not considered hazardous by the OSHA hazard Communication Standard

(29 CFR 1910.1200).

Canada: This is not a controlled product under WHMIS.

European Union (EU): This product is not classified as dangerous according to Directive

1999/45/EC and its amendments.

<u>Potential Health Effects</u> ACUTE (short term): see Section 8 for exposure controls

Pipefit® does not present an inhalation, ingestion, or contact health hazard unless subjected to

extreme heating.

Relevant Route(s) of Exposure: Skin contact.

**Inhalation:** No health effects expected with normal use of the product.

Extreme heating (>300°C) of the product can release irritating vapors. Symptoms of irritation include coughing, sneezing, nasal discharge, headache, hoarseness and pain in the upper

respiratory tract.

Products of thermal decomposition of fluorocarbon monomers and polymers can produce a condition known as "polymer-fume fever"; the symptoms are flu-like (chills, headache and fever)

with chest tightness and mild cough, onset of symptoms may be delayed.

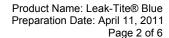
Ingestion: Not an expected route of occupational exposure. Acute oral toxicity of the component substances

is low.

Skin: No adverse health effects expected with normal use of the product.

Eye: Direct eye contact may cause temporary irritation as a foreign object in the eye. Symptoms of

irritation include redness, swelling, pain and blurred or hazy vision.





### Section 2: Hazards Identification (continued)

CHRONIC (long term): see Section 11 for additional toxicological data

Repeated skin contact may cause an allergic skin reaction.

Medical Conditions Aggravated by

**Exposure:** 

Preexisting skin disorders may be aggravated by repeated exposure to the product.

**Interactions With Other Chemicals:** Cigarette smoking is a common means of creating exposure to the products of decomposition

of fluorocarbon monomers and polymers. Fluorocarbons may be deposited on cigarettes from the air or from workers' fingers. As a cigarette is smoked, fluorocarbons are then burned and

the products of decomposition are inhaled with the cigarette smoke.

Potential Environmental Effects: Not available

## Section 3: Composition / Information on Ingredients

### **Hazardous Ingredients:**

Chemical Name	CAS No.	<u>Wt.%</u>	EINECS / ELINCS	<u>Symbol</u>	Risk Phrases
Light Naphthenic hydrotreated distillates	64742-53-6	15 - 20	265-156-6	Not applicable	Not applicable
Ethanol	64-17-5	0.1 – 0.2	200-578-6	F	R11
PTFE	9002-84-0	7 - 13	Polymer Monomer is listed 204-126-9	None*	None

Note: \* This chemical substance is not classified in the Annex I of Directive 67/548/EEC. See Section 16 for the full text of the R-phrases above.

### Section 4: First Aid Measures

**Inhalation:** If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

Eye Contact: Do not allow victim to rub eye(s). Let the eye(s) water naturally for a few minutes. Have victim look right and left,

and then up and down. If particle/dust does not dislodge, flush with lukewarm, gently flowing water for 5 minutes or until particle/dust is removed, while holding the eyelid(s) open. If irritation persists, obtain medical attention. DO

NOT attempt to manually remove anything stuck to eye(s).

Skin Contact: Quickly and gently, blot or brush away excess paste. Wash gently and thoroughly with lukewarm, gently flowing

water and non-abrasive soap for 5 minutes. If irritation develops, obtain medical advice.

**Ingestion:** If irritation or discomfort occurs, obtain medical advice immediately.

### Section 5: Fire Fighting Measures

Flammable Properties: Product will burn if involved in a fire but does not ignite readily.

Suitable extinguishing Media: Use water spray, dry chemical, carbon dioxide, or an appropriate foam. Use water

spray to cool fire-exposed containers.

Unsuitable extinguishing Media: Not applicable

**Explosion Data:** 

Sensitivity to Mechanical Impact: Not applicable
Sensitivity to Static Discharge: Not applicable



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# Section 5: Fire Fighting Measures, continued

Specific Hazards arising from the Chemical: During a fire, products of combustion may include Hydrogen fluoride, Perfluoro-

carbon olefins and oxides of carbon.

Irritating and harmful fumes are released when PTFE is heated above 300°C. The decomposition products and the resulting health effects are temperature-dependent.

**Protective Equipment and precautions for** 

firefighters:

Self-contained breathing apparatus and protective clothing should be worn.

Remove all unprotected personnel.

**NFPA** 

Health: 0 Flammability: 0 Instability: 0

### Section 6: Accidental Release Measures

Personal Precautions: Spilled product may pose a slipping hazard.

**Environmental Precautions:** Prevent the product from entering sewers or waterways.

Methods for Containment: Not applicable

**Methods for Clean-up:** Pick up spilled product and collect for re-use or proper disposal. Dispose of any

contaminated, unusable product as described in Section 13 of this SDS.

### Section 7: Handling and Storage

**Handling:** Avoid contact with eyes and skin; do not breathe fumes. Do not use near sources

of extreme heat. Keep out of reach of children.

Wash thoroughly with detergent and water after handling, before eating, drinking,

smoking or using the toilet.

Storage: Store in a cool, dry area, away from heat, flames and ignition sources.

# Section 8: Exposure Controls/Personal Protection

#### **Exposure Guidelines**

Measurable airborne concentrations of the component substances, listed in Section 3, are not expected when product is used as directed on the label for its intended purpose.

### **Exposure Controls**

**Engineering Controls:** Not required for normal use. If product is overheated, provide adequate ventilation to keep fume

concentrations below any applicable exposure limits. Consult local authorities for acceptable

exposure limits.

**Personal Protection:** 

Eye/Face Protection: No special requirements.

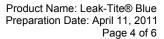
**Skin Protection:** Wear appropriate gloves when needed to prevent skin contact.

**Respiratory Protection:** Not required for normal use.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements, European Standard EN529 or Canadian Standards Association (CSA) Standard Z94.4-2002 must be followed whenever workplace conditions warrant a respirator's use.

General Hygiene Measures: Do not ingest. Avoid contact with skin and eyes. Keep out of reach of children. Wash hands after

handling.





# **Section 9: Physical and Chemical Properties**

Physical State:	Paste	Flash Point & method:	>150°C (300°F) (toc)
Appearance, Color and Odor:	Blue colored paste; mild odor.	Autoignition Temperature:	Not applicable
Odor Threshold:	Not available	Flammability Limits in Air:	Not applicable
pH:	8.0	Vapor Pressure:	Not applicable
Relative density: (water = 1)	1.5	Vapor Density: (Air = 1)	Not applicable
Partition coefficient: (n-octanol/water)	<1	Evaporation Rate: (n-Butyl Acetate = 1)	Not applicable
Solubility:	Insoluble in water.	Boiling Point/Range:	177°C (350°F)
Viscosity:	Not available	Melting Point:	Not available

# Section 10: Stability and Reactivity

Chemical Stability: Stable at normal room temperature.

Conditions to Avoid: Avoid extreme heat and open flames.

Incompatible Materials: Incompatible with strong oxidizing agents. strong acids, strong alkalis, aromatic solvents,

chlorinated solvents.

**Hazardous Decomposition** 

**Products:** 

Hydrogen Fluoride, Perfluoro- carbon olefins, oxides of carbon.

**Possibility of Hazardous** 

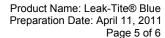
Reactions:

Hazardous polymerization will not occur.

# Section 11: Toxicological Information

Acute Toxicity Data Acute toxicity data is not available for the mixture. Acute toxicity of the component substances is low.

<u>Ingredient</u>	<u>LD<sub>50</sub> Oral</u> (mg/kg)	<u>LD</u> ₅₀ <u>Dermal</u> (mg/kg)	LC <sub>50</sub> Inhalation (4 hrs.)
Light Naphthenic hydrotreated distillates	>5 000 (rat)	>2 000 (rabbit)	2.18 mg/L (rat)
Ethanol	1 501 (rat)	Not available	124.7 mg/L (rat)
PTFE	Not available	Not available	Not available





# Section 11: Toxicological Information (continued)

**Chronic Toxicity Data** 

Carcinogenicity: Light Naphthenic hydrotreated distillates, has less than 3% DMSO extract as measured by IP 346.

This product is not required to be labeled according to the European Directive 67/548/EEC.

IARC Group 3, Not classifiable as to its carcinogenicity in humans.

ACGIH A4, Not classifiable as a human carcinogen.

<u>Ingredient</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>
Light Naphthenic hydrotreated distillates	Not listed	Group 3	Not listed
Ethanol	A4	Not applicable	Not applicable
PTFE	Not listed	Group 3	Not listed

ACGIH: (American Conference of Governmental Industrial Hygienists)

IARC: (International Agency for Research on Cancer)

NTP: (National Toxicology Program)

Irritation: Not available

Corrosivity: Not applicable

**Sensitization:** Product contains a substance which may cause an allergic skin reaction. There is no test data

available for the product.

Neurological Effects:Not availableGenetic Effects:Not availableReproductive Effects:Not availableDevelopmental Effects:Not availableTarget Organ Effects:Not available

### Section 12: Ecological Information

**Ecotoxicity:** Ecotoxicity is expected to be low due to the product's insolubility in water.

Persistence/Degradability: Not available

**Bioaccumulation/Accumulation:** Product is not readily biodegradeable.

Mobility: Not available

### Section 13: Disposal Considerations

Waste Disposal Method: Do NOT discard into any sewers, on the ground or into any body of water. Store material for

disposal as indicated in Section 7 Handling and Storage.

The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, the supplier does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way

connected with the handling, storage, use or disposal of this product.

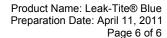
**USA:** Dispose of in accordance with local, state and federal laws and regulations.

**Canada:** Dispose of in accordance with local, provincial and federal laws and regulations.

EU: Waste must be disposed of in accordance with relevant EU Directives and national, regional and

local environmental control regulations. For disposal within the EU, the appropriate code

according to the European Waste Catalogue (EWC) should be used.





#### Section 14: **Transport Information:**

U.S. Hazardous Materials Regulation (DOT 49CFR): Not regulated Canadian Transportation of Dangerous Goods (TDG): Not regulated ADR/RID: Not regulated IMDG: Not regulated **Marine Pollutants:** Not applicable ICAO/IATA: Not regulated

#### Section 15: **Regulatory Information**

**USA** 

TSCA Status: All ingredients in the product are listed on the TSCA inventory.

SARA Title III

Sec. 302/304: None

Sec: 311/312: Not applicable Sec. 313: Not applicable CERCLA RQ: Not applicable

California Prop 65: Not applicable

State Right-to-Know Lists: State right to know lists: Titanium dioxide, Massachusetts, New Jersey, and Pennsylvania.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled

Products Regulations.

WHMIS Classification: Not controlled

> All component substances are listed on Canada's Domestic Substances List (DSL). DSL:

EU Classification for the Substance/Preparation

> Symbol: This product is not classified as dangerous according to Directive 1999/45/EC and its

> > amendments.

#### Other Information Section 16:

Full Text of R-phrases appearing in Section 3: R11: Highly flammable.

**Preparation Information:** 

**Revision Date:** April 11, 2011

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