

SECTION I: Product Name and Company Identification

Product Name:
Thread Lubricant, Conducting
TLC-3

Emergency Number:
(254) 289-2118

Manufacturer:
EGS Electrical Group
9377 West Higgins Road
Rosemont, IL 60018

Information Number:
(254) 968-6071 Ext. 202

Product Use:
Lubricant and sealant for pipe, bolts, studs and gaskets in high temperature and high pressure.

Date Issued: November 27, 2007

Revision Date: June 4, 2008

SECTION II: Composition / Information on Ingredients

Hazardous Components (Specific)	CAS Number	OSHA PEL	ACGIH/TVL	% (opt.)
Microcrystalline Wax	64742-42-3			
Petroleum Hydrocarbon (Oil)	64742-54-7, 64742-54-0, 64742-58-1,	5mg/m ³ for oil mist for 8hr/day @ 100% concentration or greater		
Industrial Grease	Mixture			
Metallic Lead Powder (High Purity)	7439-92-1	0.50 ug/m ³	0.15 mg/m ³	68 – 70%

SECTION III: Hazardous Identification

Route of Entry: Eyes, ingestion, skin

Eyes: May cause irritation.

Ingestion: May cause diarrhea.

Skin: May cause possible rash for persons with hypersensitivity

SECTION IV: First Aid Measures

Eyes:
Flush with water until all residual material is gone. If irritation persists, seek medical help.

Ingestion:
DO NOT induce vomiting. Contact a physician immediately.

Skin:
Remove by wiping or with a waterless hand cleaner, followed by washing with soap and water.

SECTION V: Fire Fighting Measures

Flammability: Not Available

Extinguishing Media: Foam, CO₂, Dry Chemical

Flash Point (COC): 404 °F

Explosive Properties: Not Available

Hazardous Combustion Products: Not Available

Special Fire Fighting Procedures: None as grease product.

SECTION VI: Accidental Release Measures

Spillage:
Scoop up excess, wipe down affected area and pick up residue with clay, pumice, etc., to avoid walking hazard.

Environmental Precautions:
Do not allow to enter drains.

Emergency Phone: (254) 289-2118
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www.egseg.com



SECTION VII: Handling and Storage**Handling Procedures:**

No special handling precautions necessary.

Storage Requirements:

Normal storage. Prefer under 125 °F.

Engineering Controls:

None Available

SECTION VIII: Exposure Controls/Personal Protection**Respiratory Protection:**

None required

Hand Protection:

Protective gloves for hypersensitive persons.

Eye Protection:

Protective glasses if applied to moving parts.

SECTION IX: Physical and Chemical Properties

Physical State: Dark gray paste

Specific Gravity: 1.93

VOC: 0.0 as solid material

Boiling Point: > 400 °F

Melting Point: 130 °F

Freezing Point: Not Available

Odor: Light Petroleum

Odor Threshold: Not Determined

pH: Not Available

Density: Not Available

Evaporation Rate (Butyl Acetate + 1.0):
Not Available

Vapor Pressure: Not Available

Vapor Density: Not Determined

Solubility in Water: Insoluble

SECTION X: Stability and Reactivity**Stability:**

Chemically stable under normal conditions.

Conditions to Avoid:

Strong oxidizers can cause lead to react and liberate hydrogen gas.

Materials to Avoid:

Oxidizing Agents

Hazardous Decomposition Products:

At temperatures above melting point, lead fumes may be evolved.

Hazardous Polymerization:

Will not occur.

Section XI: Toxicology Information

Exposure Limit of Material:
See section II

Teratogenicity, Embryotoxicity and/or Fetotoxicity:
Not Available

Mutagenicity:
Not Available

Effects of Long-Term (Chronic) Exposure:
Lead—Chronic overexposure to high levels of airborne or ingested lead may result in anemia, insomnia, weakness, constipation, nausea and abdominal pain. Prolonged overexposure may result in kidney and gastrointestinal disorders, not likely with this material.

Carcinogenicity: None

NTP: Not Available

IARC: Not Available

OSHA: Not Available

SECTION XII: Ecological Information

Possible Effects:
May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.

Behavior:
Relatively well behaved. Bio accumulation potential nil.

Environmental Fate:
Highly unlikely to cause widespread contamination.

SECTION XIII: Disposal Considerations

Consult federal, state and local regulations for disposal of petroleum products.

SECTION XIV: Transportation Information

IMDG Classification:
This product is not regulated by IMDG

ICAO Classification:
This product is not regulated by the ICAO

Land and Rail:
Not Regulated

Class:

UN:

PG:

Placards: None

SECTION XV: Regulatory Information

Lead is listed on SARA Title III Section 313 Toxic Chemical List

SECTION XVI: Other Information

Do not reuse containers. Keep out of reach of children.

Hazardous Materials Identification System (HMIS):

Health
3

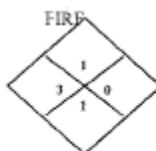
Flammability
1

Reactivity
0

PPI
1

NFPA SYMBOL

TOXICITY



PERSONAL PROTECTION INDEX

Notice

The information and recommendations herein are, to the best of EGS Electrical Group's knowledge and belief, accurate and reliable as of the date issued and are offered for the user's consideration and examination. EGS Electrical Group does not warrant or guarantee their accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

The Environmental Information included herein as well as the Hazardous materials Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by EGS Electrical Group in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with EGS Electrical Group interpretation of the available data.

Prepared by: James H. Sommer, P.E.

Date: June 4, 2008