

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:	Litho Tek EP	Date Prepared	Oct. 8, 2013
Product Number(s):	G - 170	Replaces	Jul. 14,2000
Product Use:	Lithium Based Extreme Pressure Grease		
Company Name:	Encore Industrial Products. LLC P.O. Box 941119 Houston, TX 77094-1119		
Telephone Numbers:	(281) 944-4777, (877) 703-3044, Fax (281) 944-4778		
Emergencies:	1 (877) 703-3044 Ex. 405 (24 hours, everyday)		

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

<u>Chemical Name</u>	<u>CAS Registry No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
No Hazardous ingredients.					

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

May cause dermatitis in individuals with pre-existing skin disorders.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause redness and mild discomfort

SKIN CONTACT: May remove oils from skin with prolonged exposure, may cause dermatitis in individuals with pre-existing skin disorders. Not absorbed through intact skin.

INHALATION: Vapor pressure is very low. No significant hazard

INGESTION: Ingesting large amounts may cause gastrointestinal irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY: NTP? Not determined IARC Monographs? Not determined OSHA Regulated? Not determined.

SECTION 4 FIRST-AID MEASURES

EYE CONTACT: Flush eyes with clean water for at least 15 minutes. If irritation occurs, call a physician.

SKIN CONTACT: Remove any contaminated clothing and wash skin with soap and water. If irritation occurs, call a physician. Accidental high pressure injection under skin requires immediate medical attention.

INHALATION: Not applicable.

INGESTION: Do not induce vomiting and give large quantities of water. Get medical attention if stomach pains or nausea occur.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: 450°F

FLASHPOINT (Propellant): N/A

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

AUTOIGNITION TEMP: N/A

FIRE EXTINGUISHING MEDIA: Use foam, CO₂ dry chemical, water fog. Water can be used to keep containers cool and to flush spills away from fire exposure.

SPECIAL INFORMATION: Firefighters must wear self-contained breathing apparatus in enclosed areas.

Unusual Fire and Explosion Hazards: In the presence of mechanical impact or static discharge: no explosion risk.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Recover free product. Add sand, earth, or some other suitable absorbent. Dispose of material in accordance with all state and local regulations. Take care to keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered sewers, watercourses, or extensive land areas.



SECTION 7 STORAGE AND HANDLING

HANDLING: Wash thoroughly after handling. Do not get in eyes. Follow good hygiene and housekeeping practices. Use in ventilated areas.

STORAGE: Store in a cool dry area in original or equivalent container in accordance with all applicable regulations. Do not expose to extreme heat or flame. Store below 150°F.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: Use with adequate ventilation.

PERSONAL PROTECTION:

EYES: Safety glasses are recommended.

HANDS: Oil impervious gloves for prolonged or repeated skin contact.

RESPIRATORY: No special requirements.

FEET: No special requirements.

BODY: No special requirements.

Work/Hygienic Practices: No special requirements.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Neutral smooth semi-solid, mild odor

VAPOR PRESSURE: Not data

VAPOR DENSITY: <1

SOLUBILITY IN WATER: Negligible.

BOILING POINT: No data

FREEZING / MELTING POINT: No data

EVAPORATION RATE: <1

VOC: Not determined **pH:** Not determined **Specific Gravity:** 0.9

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers, acids.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, smoke, fumes.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of entry: Eye, skin, ingestion.

SECTION 12 ECOLOGICAL INFORMATION

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:
Not regulated.

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

CERCLA: No reportable ingredients

SARA TITLE III:

Section 311/312 Hazard Category: Acute: No Chronic: No Fire: No Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: None.

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 1, Flammability – 1, Reactivity – 0, PPE - B

HMIS® RATING: Health – 0, Flammability – 1, Reactivity – 0, PPE - B

HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

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