

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND PREPARATION

Supplier/Manufacturer:

Klein Tools, Inc.
450 Bond Street
Lincolnshire, IL 60069 USA
Phone: 1-800-553-4676
Fax: 1-800-553-4876

Product Name:
Premium Synthetic Clear
Wire and Cable Pulling Lubricant
Part Numbers 51028, 56117

Emergency Number: +1-651-275-2800

Chemical Description: Water Emulsion of
Polymers

Product Use: Cable and Duct Lubrication

2. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no reportable hazardous components under 29 CFR 1910.1200. There are no OSHA or ACGIH threshold limit values for the product or any of its ingredients. This product contains no reportable hazardous components under European Directives 91/55/EEC. All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

- Emergency Overview:** Lubricant is electrically conductive when applied. Dry from conductor before energizing circuit.
- Eye Contact:** Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.
- Skin Contact:** This product has low skin irritation potential. There is no dermal toxicity hazard.
- Irritation and Sensitization Potential:** This product has low skin irritation potential. It is not a sensitizer.
- Inhalation (Breathing):** No inhalation hazard expected with water vapor.
- Ingestion (Swallowing):** Very low ingestion hazard.

4. FIRST AID MEASURES

- Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.
- Skin Contact:** If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.
- Inhalation (Breathing):** No first aid expected to be required. Not an inhalation hazard.
- Ingestion (Swallowing):** No first aid expected to be required. If difficulties arise, contact a physician.

5. FIRE-FIGHTING MEASURES

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| Flash Point: | None |
| Flammable Limits: | Product is not flammable. |
| Autoignition Temperature: | Does not apply. |
| Hazardous Decomposition Products: | High temperature steam, potentially carbon monoxide and carbon dioxide. |
| Extinguishing Media: | Does not apply. |
| Special Precautions: | Does not apply. |
| Unusual Hazards: | Sealed container can build up pressure when exposed to high heat. Cool containers with water. |

6. ACCIDENTAL RELEASE MEASURES

Lubricant is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops. Oxidizing agents, such as household bleach, can be used to eliminate the slippery character. Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

7. HANDLING AND STORAGE

Keep product containers closed when not in use. Avoid spills and clean them up immediately when they occur. Product is very slippery.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Respiratory Protection: | Normal ventilation is adequate. |
| Protective Gloves: | For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation. |
| Eye Protection: | Safety glasses recommended. |
| Exposure Limits and Recommendations: | Not applicable |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|-------------------------|
| Appearance: | Transparent, clear gel. |
| Odor Threshold: | Not Available |
| Vapor Density (Air = 1): | 0.9 – 1.1 |
| Specific Gravity (H₂O = 1): | 0.98 |
| Solubility in Water: | Complete |
| Boiling Point: | ~ 208 °F (98 °C) |

| | |
|------------------------------|-----------------------------|
| Freezing Point: | ~ 32°F (0°C) |
| Vapor Pressure: | 18mm Hg @ 72°F (22°C) |
| Viscosity: | 40,000-60,000 cps. @10 rpm. |
| pH: | 6.5 to 8.0 |
| Volatiles (Weight %): | 95% |
| VOC Content: | 20 g/l |

10. STABILITY AND REACTIVITY

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| Stability: | Stable |
| Conditions to Avoid: | None known. |
| Materials to Avoid: | Avoid materials that react with water. |
| Hazardous Decomposition and By-Products: | Carbon dioxide, carbon monoxide. |

11. TOXICOLOGICAL INFORMATION

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| Oral Toxicity: | Based on ingredients, LD ₅₀ (rat) is estimated to be well over 50 g/kg. |
| Chronic Exposure: | Not Available |
| Carcinogenic Status: | This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components. |
| Reproductive Toxicity: | Not Available |
| Mutagenicity: | Not Available |
| Teratogenicity: | Not Available |
| Toxicologically Synergistic Products: | Not Available |

12. ECOLOGICAL INFORMATION

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|-------------------------|---------------------------|
| Mobility: | No information available. |
| Bioaccumulation: | No information available. |
| Ecotoxicity: | No information available. |

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

UN Number: Not Listed
UN Proper Shipping Name: Not Applicable
Class and Subsidiary Risk: Not Applicable
Packing Group: Not Applicable
TDG: Not Regulated
ICAO/IATA-DGR: Not Regulated
IMDG: Not Regulated
ADR/RID: Not Regulated

15. REGULATORY INFORMATION

USA Federal and State

All components are listed on the TSCA inventory.

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|---|--|----------------------|-----------------------|---|-----------------------|
| Hazard Categories for SARA Section 311/312 Reporting | <u>Acute</u> No | <u>Chronic</u> No | <u>Fire</u> No | <u>Pressure</u> No | <u>Reactive</u> No |
| <u>Components</u> | <u>CERCLA/SARA Sec 302 Hazardous Substance RQ</u> | | <u>EHS TPQ</u> | <u>SARA Sec. 313 Toxic Release</u> | |

Components are not affected by these Superfund regulations.

European Union

Product is not classified as hazardous according to European Directives 88/379/EEC and 67/548/EEC and EU Regulation (EC) No 1272/2008.

Risk Phrases: Not Applicable
Safety Phrases: Not Applicable

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

Canada

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS Classification: NC
Canadian DSL: All ingredients listed.

Australia

All components are listed on the AICS.
 Not considered hazardous according to criteria of NOHSC Australia.

16. OTHER INFORMATION

NFPA Ratings: Health: 0
Fire: 0
Reactivity: 0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

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Reviewed By: S. H. Dahlke

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.