

Epoxy Electrical Release Agent High-Performance Molding

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO
- Model Number: 9035L
- Minimum Order Quantity: None
- Price: 1-99 usd
- Packaging Details: 25L, 200L
- Delivery Time: 5-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/week



Product Specification

- Classification: Chemical
- Name: Mold Release Agent For Composite
- Brand Name: Lubekote
- Odor: Slight
- Place Of Origin: China
- Application: Demolding For Electrical Insulation
- Diluent: Solvent
- Highlight: **epoxy electrical release agent,
high-performance molding release agent,
composite release agent with warranty**

Product Description

Epoxy Electrical Release Agent: Lubekote 9035L for High-Performance Molding

Product Description

Lubekote 9035L is a premium-grade, solvent-based epoxy electrical release agent specifically engineered for the demanding production of epoxy resin-based electrical components. This advanced formula is the ideal solution for manufacturers of critical insulation parts, transformers, high-voltage switches, dry-type transformers, and other composite products. It is designed to tackle even the most challenging release applications, including complex molds and intricate geometries where standard agents fail. Composed of an advanced polymeric resin in a blend of non-chlorinated organic solvents, Lubekote 9035L ensures a clean, reliable, and consistent separation of cured epoxy parts, enhancing production efficiency and protecting valuable mold investments.

Key Features & Advantages

This high-performance epoxy electrical release agent offers a suite of benefits that streamline the manufacturing process and reduce downtime:

Excellent Release Performance: Guarantees easy demolding of complex and difficult-to-release epoxy electrical products, preventing damage to both the part and the mold.

Minimal Mold Build-Up: Its innovative formulation leaves virtually no residue, significantly reducing the frequency of mold cleaning and maintenance. This leads to longer mold life and more consistent part quality.

Multiple Releases Per Application: Offers outstanding durability, often providing several release cycles from a single, proper application, which boosts productivity and reduces material consumption.

Fast Drying/Curing: Cures rapidly upon contact with air at process temperature, accelerating cycle times and getting your production line up to speed quickly.

Easy to Apply & Low Odour: Designed for user-friendly application and features a low odour profile, improving working conditions in the manufacturing environment.

Technical Specifications (At a Glance)

Property	Specification
Product Name	Lubekote 9035L
Type	Solvent-Based Epoxy Release Agent
Appearance	Colorless Liquid
Density	0.76 - 0.80 g/cm ³
Shelf Life	24 months from date of manufacture

Application Guidelines

For optimum performance, the mold surface must be meticulously clean and free from oil, grease, or previous release agent build-up. Application should always be conducted in a well-ventilated area.

Shake the container well before use.

Apply a thin, even coat at process temperature using a cloth, spray, or brush.

For initial setup, it is recommended to apply at least two thin base coats, allowing a short drying time between each.

After the final coat dries (typically within minutes), the mold is ready for production.

Reapply a light maintenance coat only when necessary, as the product is designed for multiple releases.

FAQ (Frequently Asked Questions)

Q: What makes an epoxy electrical release agent different from a standard release agent?

A: Epoxy resins form incredibly strong bonds and have specific chemical properties. A specialized agent like Lubekote 9035L is formulated to create a non-reactive, thermal barrier that can withstand the curing process of epoxy without interacting with the resin, ensuring a clean release without compromising the electrical or physical properties of the finished part.

Q: How many releases can I get from one application of Lubekote 9035L?

A: While it depends on the specific part geometry and mold material, its durable polymeric formulation is designed to provide multiple releases per application, far exceeding the performance of standard waxes or semi-permanent agents.

Q: Is this product safe to use?

A: Lubekote 9035L is for industrial use only. Always refer to the Safety Data Sheet (SDS) for full handling instructions. Avoid prolonged skin contact with concentrates. Use in a well-ventilated area and wear appropriate PPE. In case of eye contact, rinse immediately with copious amounts of water.

Q: Can it be used on silicone or composite molds?

A: Yes, it is suitable for use on a variety of mold surfaces, including metals, composites, and silicones. Always test on a small, inconspicuous area first for compatibility.

Q: Why is low mold build-up important?

A: Minimal build-up is critical for maintaining the precise dimensional tolerances and high-quality surface finish required for electrical components. It prevents defects and eliminates frequent, costly mold cleaning shutdowns.





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