

High-Performance Polyurethane Release Agent Concentrate for Rigid Foam

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO
- Model Number: 9129E
- Minimum Order Quantity: None
- Price: Negotiated
- Packaging Details: 25L, 200L
- Delivery Time: 5-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/week



Product Specification

- Type: Solvent Base Concentrate
- Application: Mold Release Agent PU
- Product Code: Lubekote 9129E
- Package: 20L/200L
- Appearance: Clear Liquid
- Highlight: **polyurethane release agent concentrate, rigid foam mold release agent, high-performance PU release agent**

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Product Description

High-Performance Polyurethane Release Agent Concentrate for Rigid Foam

Lubekote 9129E is a premium-grade, solvent-dilutable PU release agent specifically engineered for the demanding production of polyurethane rigid foam. This advanced concentrate is formulated to provide unparalleled mold release performance, ensuring flawless demolding and a superior surface finish on finished parts. It is the go-to solution for manufacturers seeking to enhance efficiency, reduce downtime, and achieve consistent, high-quality results in their rigid PU foam operations.

Product Overview & Description

As a specialized Polyurethane release agent, Lubekote 9129E tackles the unique challenges of rigid foam molding. Its powerful formula prevents the foam from adhering to the mold surfaces, facilitating easy and clean part ejection every time. This product is supplied as a concentrate, offering flexibility and cost-effectiveness by allowing users to dilute it to the precise concentration required for their specific application and mold geometry. Its exceptional performance helps protect valuable molds from wear and tear, extending their operational life.

Key Features & Advantages

Exceptional Release for Rigid Foam: Expertly formulated to provide reliable, consistent release for even the most complex rigid polyurethane foam parts, eliminating tearing or sticking.

No Build-Up Formula: Prevents the accumulation of residue on the mold surface, significantly reducing downtime for mold cleaning and maintenance.

Superior Surface Finish: Contributes to the production of rigid foam parts with a smooth, blemish-free surface, ready for further processing or painting.

Easy Application & Low Odour: Its liquid concentrate form allows for easy dilution and application via spraying or wiping. The low-odour formulation improves the working environment for operators.

Cost-Effective Concentrate: Dilution flexibility (typically 10:1 to 30:1) means a small amount of concentrate goes a long way, reducing overall cost per application.

Long Shelf Life: Stable for up to 24 months from the date of manufacture when stored correctly in its original, sealed container.

Technical Parameters / Specifications

Property	Specification
Product Type	Polyurethane Release Agent Concentrate
Appearance	Clear Liquid
Recommended Dilution	10-30 parts solvent (e.g., Naphtha, Heptane) per 1 part concentrate
Density	0.96 - 1.00 g/cm ³
Shelf Life	24 months
Primary Application	Polyurethane Rigid Foam

Application Guidelines

For optimal results, dilute Lubekote 9129E with a recommended solvent such as naphtha or heptane. A general dilution ratio is between 10:1 to 30:1 (solvent:agent). Always ensure the mold surface is meticulously clean and free from previous contamination. Apply at least two thin, uniform coats at the process temperature, allowing a short drying time between applications. For continuous production cycles, a light maintenance coat can be reapplied as needed to sustain perfect release performance.

Handling Precautions

For industrial use only. Avoid prolonged skin contact with the concentrate. Always use appropriate personal protective equipment (PPE), including gloves and safety glasses. In case of eye contact, rinse immediately with copious amounts of water for several minutes and seek medical attention.

Frequently Asked Questions (FAQ)

Q: What type of polyurethane is Lubekote 9129E used for?

A: Lubekote 9129E is specifically formulated and demonstrates excellent performance in releasing polyurethane rigid foam. It is not recommended for flexible foam applications.

Q: How do I dilute Lubekote 9129E?

A: It is a concentrate that must be diluted with a solvent. We highly recommend using naphtha or heptane. A general starting dilution ratio is between 10:1 to 30:1 (solvent:agent). The exact ratio should be optimized for your specific mold design and process conditions.

Q: Does this product leave residue on my molds?

A: No. A key advantage of Lubekote 9129E is its "no build-up" formulation. This characteristic ensures your molds stay cleaner for longer, reducing maintenance downtime and preserving mold detail.

Q: What is the shelf life of this PU release agent?

A: When stored in a tightly sealed container in a cool, dry place, Lubekote 9129E has a shelf life of 24 months.

Q: Is this product easy to apply?

A: Yes. Its liquid consistency makes it easy to dilute and apply using standard industrial spray equipment or a cloth for wiping, ensuring thin, even coverage.





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