

High-Performance Polyurethane Release Agent Gloss Finish

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO 9100
- Model Number: xxxxx
- Minimum Order Quantity: None
- Price: Negotiable
- Packaging Details: 25L, 200L
- Delivery Time: 5-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/week



Product Specification

- Classification: Chemical
- Name: PU Mole Release Agent
- Brand Name: Lubekote
- Odor: Slight
- Place Of Origin: China
- Diluent: Solvent
- Highlight: **polyurethane release agent gloss finish, PU mold release agent high-performance, gloss finish mold release agent**

Product Description

High-Performance Polyurethane Release Agent Gloss Finish

Lubekote 9020 is a premium-grade, solvent-dilutable lubricant and PU release agent specifically engineered for the polyurethane manufacturing industry. This advanced formula delivers exceptional mold release performance for a wide range of polyurethane applications, ensuring high-quality surface finish and efficient production cycles. It is the ideal solution for manufacturers seeking reliability and ease of use in their demolding processes.

Product Overview & Description

This specialized Polyurethane release agent is designed to facilitate the easy and consistent release of polyurethane products from molds. Lubekote 9020 is a versatile concentrate that excels in challenging applications, including rigid PU foam, integral skin foam, and PU elastomers. Its formulated to prevent sticking and build-up, thereby protecting mold integrity and significantly reducing downtime for cleaning. The product requires dilution with a recommended solvent before application, allowing users to customize the concentration based on their specific process requirements.

Key Features & Advantages

Excellent Release Performance: Guarantees consistent, multiple releases without part sticking or failure, enhancing production efficiency.

No Build-Up: Formulated to leave minimal residue, preventing accumulation on mold surfaces. This extends mold life and reduces cleaning frequency.

Superior Surface Finish: Helps produce polyurethane parts with a smooth, defect-free surface, minimizing post-processing.

Easy Application & Low Odour: Its liquid form allows for simple spraying or wiping. The low-odour formulation improves working conditions.

High Versatility: An effective solution for various polyurethane types (except flexible foam), making it a cost-effective, multi-purpose choice.

Long Shelf Life: Stable for up to 24 months from the date of manufacture when stored correctly.

Technical Parameters / Specifications

Property	Specification
Product Type	Polyurethane Release Agent Concentrate
Appearance	Clear Liquid
Recommended Dilution	10-50 parts solvent (e.g., Naphtha, Heptane) per 1 part concentrate
Density	0.96 - 1.00 g/cm ³
Shelf Life	24 months in original, sealed container

Application Guidelines

For optimal results, dilute Lubekote 9020 with a solvent such as naphtha or heptane to achieve the desired working concentration. Ensure the mold surface is thoroughly clean and free of previous contamination. Apply at least two thin, uniform coats at the process temperature, allowing a short flash-off time between coats. For continuous production, a light maintenance coat can be reapplied as needed to sustain perfect release performance and lubrication.

Handling Precautions

For industrial use only. Avoid prolonged skin contact with the concentrate. Use appropriate personal protective equipment (PPE). In case of eye contact, rinse immediately with copious amounts of water and seek medical advice.

Frequently Asked Questions (FAQ)

Q: What types of polyurethane is Lubekote 9020 suitable for?

A: Lubekote 9020 is expertly formulated for rigid polyurethane foam, integral skin foam, and polyurethane elastomers. It is not recommended for flexible PU foam applications.

Q: How do I dilute Lubekote 9020?

A: It is a concentrate that must be diluted with a solvent. We recommend using naphtha or heptane. A general dilution ratio is between 10:1 to 50:1 (solvent:agent), but the exact ratio should be optimized for your specific mold and process.

Q: Does this product cause mold build-up?

A: No. A key advantage of Lubekote 9020 is its no build-up formulation. This characteristic ensures your molds stay cleaner for longer, reducing maintenance downtime.

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 9020 has a shelf life of 24 months.

Q: Is this product easy to apply?

A: Yes. Its liquid consistency and compatibility with standard application methods (spray or wipe) make it very easy to apply in thin, even coats.





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