

Advanced Water-Based Sealer Release Agent for Rubber Molding

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO
- Model Number: 9165C
- 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

- Product Name: Seal Release Agent
- Odor: Slight
- Application: Rubber Parts Demolding
- Type: Water Based
- Highlight: **water-based rubber mold release agent, sealer release agent for rubber molding, rubber molding release agent with warranty**

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Advanced Water-Based Sealer Release Agent for Rubber Molding

Lubekote 9165C is a high-performance, water-based sealer release agent specifically engineered for the rubber industry. This innovative formula is designed to create a durable, protective barrier on mold surfaces, facilitating easy demolding of even the most challenging rubber compounds. Its unique sealer property ensures a flawless surface finish by preventing knit lines, making it an indispensable solution for manufacturers of natural rubber, EPDM, acrylic ester, vinyl acrylate, and demanding elastomers like fluororubber and HNBR. This ready-to-use agent boosts productivity by enabling multiple releases per application while guaranteeing a contamination-free surface.

Product Overview & Description

As a specialized sealer release agent, Lubekote 9165C addresses two critical needs simultaneously: it acts as an effective mold release and seals the mold surface to prevent defects. It is perfect for complex molds where air entrapment and knit lines are a common issue. This water-based emulsion forms a resilient film that withstands the molding process, providing numerous release cycles before reapplication is needed. Its non-transferring formula ensures that the final rubber parts are not contaminated, preserving their inherent properties and readiness for secondary operations. This makes it a superior, environmentally conscious alternative to traditional solvent-based systems.

Key Features & Advantages

Superior Sealer Properties: Effectively seals the mold surface to prevent knit lines and air traps, resulting in perfectly formed, high-integrity rubber parts with an impeccable surface finish.

True Semi-Permanent Performance: Delivers multiple consistent release cycles from a single application, drastically reducing downtime for respraying and significantly increasing production output.

Water-Based & VOC-Free: Contains no solvents or volatile organic compounds, ensuring a safer working environment, reduced environmental impact, and compliance with stringent air quality regulations.

Extremely Low Transfer: Formulated to minimize migration onto the molded part, which prevents contamination and preserves the rubber's properties for bonding or painting.

Broad Material Compatibility: Excellently suited for a wide range of rubbers, including natural rubber, EPDM, acrylic ester, vinyl acrylate, and is highly effective for difficult-to-release materials like fluororubber and HNBR.

Ready-to-Use Convenience: Requires no mixing straight from the container, though it can be diluted with deionized water for finer control or extended coverage.

Technical Parameters / Specifications

Property	Specification
Product Type	Water-Based Sealer Release Agent
Appearance	White Liquid
Dilution Recommendation	Ready-to-use. Can be diluted with 1-3 parts deionized water if needed.
Density	0.97 - 1.03 g/cm ³
Shelf Life	12 months in original, sealed container

Application Guidelines

For optimal results, begin with a meticulously cleaned mold. Shake or stir the product thoroughly before use to ensure consistency. Lubekote 9165C is ready to use but can be diluted with 1-3 parts deionized water for specific application needs.

Apply a single, thin, and uniform coat to the mold surface using a spray or cloth. Allow the water carrier to evaporate completely, leaving behind the active sealer and release film, before initiating the molding cycle. Reapplication is only necessary after several successful demolding cycles.

Handling & Storage Precautions

For industrial use only. Avoid prolonged skin contact. Use appropriate personal protective equipment (PPE). In case of eye contact, rinse immediately with plenty of water and seek medical advice. Do not allow the product to freeze, and store in a cool, dry place to maintain its efficacy throughout its 12-month shelf life.

Frequently Asked Questions (FAQ)

Q: What makes Lubekote 9165C a "sealer release agent"?

A: Unlike standard release agents, it combines two functions. It creates a release film to prevent sticking and simultaneously seals the mold surface. This sealing action prevents air from being trapped and stops knit lines from forming on the rubber part, ensuring a perfect surface finish.

Q: Which rubber types is this agent compatible with?

A: It is highly effective for natural rubber, EPDM, acrylic ester, and vinyl acrylate rubber. It is also specifically recommended for difficult-to-demold compounds such as fluororubber (FKM) and HNBR.

Q: How many releases can I get from one application?

A: As a high-performance semi-permanent release agent, Lubekote 9165C is designed to provide multiple release cycles per application. The exact number depends on the specific mold geometry, rubber compound, and curing conditions.

Q: Does it need to be diluted?

A: It is ready to use straight from the container. For some applications, particularly for achieving an ultra-thin film, it can be diluted with 1-3 parts deionized water.

Q: What is the main advantage of it being water-based?

A: The water-based formula means it contains no solvents or VOCs. This makes it safer for operators, better for the environment, reduces fire hazard, and helps factories meet strict regulatory standards.



**About Shanghai LoreChem Co., Ltd.**

Established in 2008, Shanghai LoreChem is a high-tech enterprise specializing in release products including semi-permanent release agents, anti-sticking solutions, surface lubricants, and thermal reactive adhesives. With 15 years of continuous quality improvement, our Lubekote release agents and Thinkbond adhesives are well-known brands in China's rubber, polyurethane, and composite industries.

We serve domestic and international high-end manufacturers with professional technical solutions, aiming to become one of Asia's premier release agent suppliers.

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