

## Advanced Water-Based Semi-Permanent Release Agent for Rubber

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Model Number: 9440A
- Minimum Order Quantity: None
- Price: negotiation
- Packaging Details: 20L, 200L
- Delivery Time: 10-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/month



#### Product Specification

- Feature: Environmental Friendly
- Instructions: External Release Agent
- Color: Clear/white
- Application: Silicone & Fluorine Rubber Parts
- Compatibility: Works With Most Rubber Materials
- Safety Precautions: Wear Protective Gloves And Eyewear
- Status: Liquid
- Shelf Life: 1 Year
- Highlight: **water-based rubber mold release agent, semi-permanent rubber release spray, rubber mold lubricant with warranty**

## Product Description

### Advanced Water-Based Semi-Permanent Release Agent for Rubber

Lubekote 9440A is a high-performance, water-based semi-permanent release agent engineered for demanding molding operations in the rubber industry. Specifically formulated for high-temperature stability and minimal transfer, it is the ideal solution for manufacturers of silicone rubber, fluorine rubber, and other challenging compounds. This product ensures easy demolding, exceptional surface quality, and extended mold life, making it a superior and environmentally friendlier choice for efficient production.

#### Product Overview & Description

Lubekote 9440A is a premium rubber release agent designed to address the critical needs of modern rubber molding. Its advanced formula creates a durable, thermally stable barrier that provides multiple release cycles from a single application. It is primarily used for silicone and EPDM rubber and is exceptionally effective for other hard-to-release elastomers like fluorine rubber (FKM) and HNBR. As a ready-to-use, water-based emulsion, it offers significant advantages over traditional solvent-based systems, including no VOCs and easier handling.

#### Key Features & Advantages

**Water-Based & VOC-Free:** Eliminates harmful volatile organic compounds, ensuring a safer workplace and reduced environmental impact.

**True Semi-Permanent Performance:** Delivers multiple consistent release cycles per application, drastically reducing downtime and increasing production throughput.

**Extremely Low Transfer:** Formulated to minimize migration onto the molded part, which prevents contamination and issues with secondary operations like painting or bonding.

**Exceptional High-Temperature Stability:** The release film remains stable and effective at temperatures up to 260°C (500°F), perfect for high-heat curing processes.

**Prevents Mold Build-Up:** Its non-stick properties resist the accumulation of residues on the mold surface, reducing cleaning frequency and maintaining mold integrity.

**Ready-to-Use Convenience:** Requires no mixing straight from the container, though it can be diluted for specific application needs.

#### Technical Parameters / Specifications

Property	Specification
Product Type	Water-Based Semi-Permanent Release Agent
Appearance	Yellow Clear Liquid
Dilution Recommendation	Ready-to-use. Can be diluted with 1-3 parts deionized water if needed.
Density	0.97 - 1.03 g/cm <sup>3</sup>
High-Temperature Stability	Up to 260°C (500°F)
Shelf Life	12 months in original, sealed container

#### Application Guidelines

For best results, start with a thoroughly cleaned and warm mold. Shake or stir the product well before use. Lubekote 9440A is ready to use but can be diluted with 1-3 parts deionized water for a lighter coat if necessary. Apply a single, thin, and uniform coat to the mold surface using a spray or cloth. Allow the water carrier to evaporate completely (leaving the active release film) before commencing the molding cycle. Reapplication is only needed after several 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.

#### Frequently Asked Questions (FAQ)

Q: What types of rubber is Lubekote 9440A designed for?

A: It is primarily and exceptionally effective for silicone rubber and EPDM. It is also highly recommended for other difficult-to-release elastomers such as fluorine rubber (FKM) and HNBR.

Q: Is this a semi-permanent release agent?

A: Yes. Lubekote 9440A is formulated to provide multiple release cycles from a single application, classifying it as a high-performance semi-permanent release agent that boosts productivity.

Q: Does this rubber release agent require dilution?

A: It is ready to use straight from the container. However, for certain applications or to extend coverage, it can be diluted with 1-3 parts deionized water.

Q: What is the maximum temperature it can withstand?

A: The release film formed by Lubekote 9440A is stable and provides excellent performance at temperatures up to 260°C (500°F).

Q: What is the main advantage of a water-based formula?

A: Being water-based means it contains no solvents or VOCs, making it safer for operators, better for the environment, and often compliant with strict air quality regulations.





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