

Water-Based High Temperature PU Foam Mold Release Agent Automotive Steering Wheel Demolding

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO 9001
- Model Number: Lubekote 9421A
- Minimum Order Quantity: 25L
- 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: Water-Based PU Foam Mold Release Agent
- Classification: Chemical Release Agent
- Diluent: Water
- Odor: Slight
- Application: Steering Wheel Demolding
- Feature: Environmentally Friendly
- Advantage: Perfect Surface Finish
- Highlight: **water-based PU foam mold release, high temperature mold release agent, automotive steering wheel demolding agent**



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Product Description

Lubekote 9421A is a water-based PU foam mold release agent engineered specifically for automotive steering wheel demolding. This high-temperature formulation delivers a flawless surface finish while providing reliable and repeatable release performance across high-volume production cycles. By using water as the carrier diluent, the product eliminates solvent emissions and supports environmentally responsible manufacturing. It applies easily with conventional spray equipment, forms a thin and uniform release film, and minimizes mold build-up to extend cleaning intervals. The result is a premium steering wheel surface with zero transfer, reduced scrap, and consistent part quality from the first cycle to the last.

Key Features

- **Water-Based Formula:** Uses water as the diluent for low VOC emissions and eco-friendly production.
- **High Temperature Stability:** Maintains release integrity at elevated mold temperatures during PU foam curing.
- **Perfect Surface Finish:** Produces smooth and uniform steering wheel surfaces with excellent gloss control.
- **Excellent Release Properties:** Delivers consistent and easy demolding across multiple production cycles.
- **Minimal Mold Build-Up:** Low residue formula reduces cleaning frequency and extends mold service life.
- **No Transfer:** Leaves no contaminating residue on finished parts, preserving surface quality.

Technical Specifications

Parameter	Specification
Product Name	Water-Based PU Foam Mold Release Agent
Brand Name	Lubekote
Model Number	9421A
Classification	Chemical release agent
Diluent	Water
Odor	Slight
Application	Steering wheel demolding
Feature	Environmentally friendly
Advantage	Perfect surface finish

Applications

Lubekote 9421A is formulated for polyurethane foam mold release in automotive steering wheel production. It performs reliably across integral-skin foam, semi-rigid foam, and high-density PU foam systems. The product is compatible with both steel and aluminum molds and is applied by spray gun or airless spray equipment. It is equally suitable for other high-temperature PU foam components that demand a premium surface appearance, including armrests, gear knobs, and interior trim parts.

Packaging & Quality Assurance

Lubekote 9421A is available in 25L and 200L containers and ships within 5-15 working days. Every batch undergoes strict quality control for viscosity, solids content, and release performance before dispatch. Store in a cool, dry place and protect from freezing. For industrial use only; avoid prolonged skin contact with concentrated solution and rinse eyes immediately with water on contact.



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