

Internal Composite Release Agent Liquid For New Energy Car Battery Case

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Model Number: xxxx
- Minimum Order Quantity: None
- Price: 0-99usd
- Packaging Details: 20L, 200L
- Delivery Time: 10-15 working days
- Payment Terms: T/T
- Supply Ability: 50T/month



Product Specification

- Release Effect: Excellent Release Performance
- Classification: Chemical
- Appearance: Liquid
- Storage: Store In A Cool And Dry Place
- Shelf Life: 12 Months
- Application: Used In Composite Processing
- Packing: 1 Gal/drum Or As Per Customer's Request
- Compatibility: Compatible With Epoxy Resin/carbon Fiber
- Highlight: **Car Battery Case Internal Release Agent, Solvent Solubility Internal Release Agent, Battery Case Composite Release Agent**

Product Description:

The Internal Mold Release Agent is a cutting-edge solution designed to meet the high demands of modern molding processes. This product is an essential component for professionals in the composites industry, providing a highly effective internal release agent that simplifies the demolding process. Our internal mold release agent boasts remarkable solubility properties, being readily soluble in solvent, which ensures an even distribution within the material matrix and leads to consistent results across the entire surface of the molded part. This product comes in a convenient liquid form that allows for easy handling and precise application. The liquid appearance of the internal mold release agent ensures that it can be effortlessly mixed with various resin systems without altering the physical properties of the material. Its fluid nature aids in the complete coverage of intricate mold surfaces, ensuring a uniform coating that contributes to optimal release performance.

Our internal mold release agent is available in a standard packing of 1 gallon per drum, which can be adapted to meet the customer's specific requirements. Whether for small-scale applications or large industrial uses, we offer flexible packaging options to accommodate the varying needs of our clients. The packaging is designed to preserve the integrity and efficacy of the internal release agent, guaranteeing its performance right until it is applied.

The release effect of our internal mold release agent is nothing short of excellent. It has been meticulously engineered to reduce the surface tension between the molded part and the mold, allowing for a smooth and effortless release. This minimizes the potential for defects, waste, and damage to both the mold and the part, leading to an efficient and cost-effective manufacturing process. The internal release agent is particularly beneficial in complex molds where standard external release agents may struggle to provide consistent results.

Compatibility is a crucial factor when selecting an internal mold release agent, and our product excels in this regard. It is fully compatible with epoxy resin and carbon fiber, two of the most commonly used materials in advanced composites manufacturing. This compatibility ensures that the internal mold release agent integrates seamlessly into the resin matrix without affecting the mechanical properties or surface finish of the final product. It also means that there is no need for a labor-intensive application of external release agents, saving time and reducing the potential for human error.

In summary, our Internal Mold Release Agent is a superior product that embodies efficiency and reliability. Its solubility in solvent, liquid appearance, and convenient packing options make it user-friendly and adaptable to various manufacturing settings. The product's excellent release performance and compatibility with epoxy resin and carbon fiber position it as an industry-leading choice for internal mold release applications. Professionals seeking an internal release agent that will deliver flawless demolding time after time need look no further than our top-tier internal mold release agent.

Features:

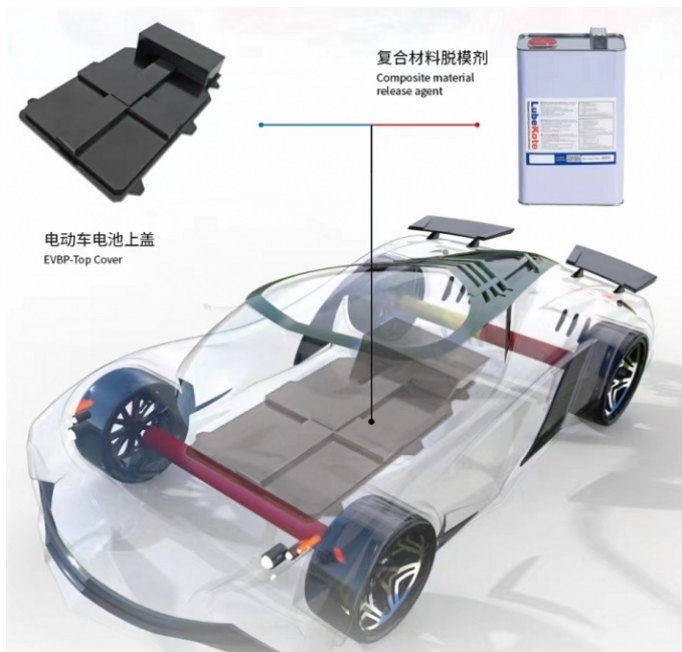
- Product Name:** Internal Mold Release Agent
- Solubility:** Soluble In Solvent
- Shelf Life:** 12 Months
- Classification:** Chemical
- Packing:** 1 Gal/drum Or As Per Customer's Request
- Storage:** Store In A Cool And Dry Place
- Keywords:** internal release agent, internal mold release agent, release agent for composite

Technical Parameters:

Attribute	Description
Compatibility	Compatible With Epoxy Resin/carbon Fiber
Packing	1 Gal/drum Or As Per Customer's Request
Classification	Chemical
Release Effect	Excellent Release Performance
Appearance	Liquid
Solubility	Soluble In solvent
Shelf Life	12 Months
Diluent	Deionized Or Distilled Water Or Solvent
Odor	Slight/solvent Odor
Storage	Store In A Cool And Dry Place

Applications:

It is an efficient release agent developed for the application of raw materials such as epoxy/polyurethane in PCM,HP-RTM and other processes. It can form a durable film, long cleaning cycle, reduce waste, improve work efficiency, and has the characteristics of high temperature resistance, and more extensive use.



The Lubekote Internal Mold Release Agent, is a premium product crafted with the utmost precision in China. Its carefully formulated liquid appearance is specifically designed for composite processing applications, ensuring a seamless manufacturing process for industry professionals. The versatility of Lubekote allows it to be diluted with solvent, depending on the specific requirements of the production process, providing flexibility and ease of use for operators.

Lubekote's internal release agent is an indispensable tool for occasions where the production of composites requires a high-quality finish and efficient release characteristics. It is particularly useful in scenarios where traditional external mold release agents may not be suitable or where they could potentially contaminate the part surface. Lubekote ensures that the final product is free from defects that can be introduced by sticking to the mold.

The application scenarios for Lubekote internal mold release agent vary across different industries. It can be used in the automotive sector for the manufacturing of composite car parts, in the aerospace industry for lightweight and durable components, or in the sports equipment manufacturing process for items such as carbon fiber bicycles and golf clubs. Additionally, it is suitable for the production of wind turbine blades, marine vessels, and in the construction of composite housing panels.

With a shelf life of 12 months, Lubekote provides ample time for use in long-term projects, ensuring that the product retains its efficacy throughout its lifespan. The internal release agent comes in a standard packing of 1 gal/drum, or it can be customized as per the customer's request, demonstrating the brand's commitment to catering to individual client needs.

In summary, Lubekote's internal mold release agent is an essential product for manufacturers seeking a reliable and efficient internal release solution for composite processing. Its ease of use, coupled with its adaptability to various diluents, makes it a valuable addition to any production environment where quality and precision are paramount.

Support and Services:

The Internal Mold Release Agent is designed to enhance the efficiency and quality of your molding process. Our product integrates seamlessly with various resin systems, providing a consistent release performance that minimizes production downtime and maximizes the lifespan of your molds. For optimal results, please adhere to the recommended usage guidelines provided with the product.

Technical support for the Internal Mold Release Agent includes assistance with product selection to match your specific application needs, guidance on proper mixing and application techniques, and troubleshooting for any issues related to the use of the product. Our team of experts is dedicated to ensuring your complete satisfaction with the performance of our mold release solutions.

Should you require further assistance, our services extend to on-site support for process optimization and training for your staff to ensure they are fully equipped to utilize our Internal Mold Release Agent effectively. We are committed to providing you with comprehensive support to keep your operations running smoothly.

Please note that while we do not provide direct contact information here, customers can access support through the official channels provided at the point of purchase or on our website. Our customer service team is always ready to help you with any inquiries or technical support you may need.

Packing and Shipping:

The Internal Mold Release Agent product is securely packaged in industrial-grade, airtight containers to ensure the integrity and efficacy of the formula. Each container is sealed and labeled with detailed product information, usage instructions, and safety guidelines to provide our customers with the necessary information for proper handling and storage.

Containers are then packed into reinforced, corrugated boxes, which are cushioned with appropriate packing materials to prevent movement and potential damage during transit. The boxes are clearly marked with the necessary shipping labels, including hazard classifications, if applicable, and handling symbols to ensure that the product is transported safely and in compliance with all regulations. Prior to dispatch, every shipment undergoes a thorough inspection to guarantee that the packaging meets our high-quality standards. The product is shipped using trusted courier services to ensure timely and secure delivery to our customers. Tracking information is provided for each shipment, allowing customers to monitor their order until it arrives at its final destination.



Warehousing and logistics



It has nearly 5,000 square meters of cargo storage area. Eight employees work full-time in warehousing.



Technical support



Making adjustment in the field



Shanghai Lorechem has a professional technical service team, whose members are specialized in polymer materials engineering. They have a wealth of field testing.

Testing in the field



Shanghai LoreChem Co., Ltd. was established in 2008. It is a high-tech enterprise which is dedicated to serve releasing products which involve semi-permanent release agent, anti-sticking, surface lubrication and thermal reactive adhesive. Shanghai LoreChem has been improving product quality for 15 years. The releasing products are mainly applied in rubber, polyurethane and composite industry. The brand of Lubekote for release agent and Thinkbond for adhesive have been registered in China. Both of them are well known in the industry.

Shanghai LoreChem's business is all over the domestic and foreign high-end production enterprises by providing professional technical solutions and services. The company's long-term goal is to become one of the best suppliers of release agent in Asia. Shanghai Lorechem Co., Ltd. was established in 2008. It is a high-tech enterprise which is dedicated to serve releasing products which involve semi-permanent release agent, anti-sticking, surface lubrication and thermal reactive adhesive.



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