

Slight Solvent Odor Composite Release Agent , Epoxy Pipe Mold Release Agent

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: 20T/month



Product Specification

- Odor: Slight Solvent Odor
- Application: Used In Composite Processing
- Classification: Chemical
- Shelf Life: 12 Months
- Packing: 1 Gal/drum Or As Per Customer's Request
- Appearance: Liquid
- Release Effect: Excellent Release Performance
- Storage: Store In A Cool And Dry Place
- Highlight: **Epoxy Pipe Mold Release Agent ,
1 Gal/drum Epoxy Pipe Release Agent ,
1 Gal/drum Composite Release Agent**

Product Description

Product Description:

The Internal Mold Release Agent is a premium quality product designed to serve as a process aid for manufacturers dealing with composite materials, especially in the realms of carbon fiber and epoxy resin applications. This chemical agent is meticulously formulated to integrate seamlessly into various resin systems, providing an unparalleled release effect that ensures an excellent part finish and longevity of the mold. It is an indispensable product for those in the composites industry seeking reliable and consistent demolding results.

With a shelf life of 12 months, the Internal Mold Release Agent is engineered to maintain its efficacy for a considerable duration, ensuring that customers can use the product over extended periods without the loss of release capabilities. This longevity is pivotal for production stability and reducing the need for frequent product restocking, thereby offering cost savings and convenience.

The product is presented in a liquid form, which allows for ease of integration into various resin systems. This convenient appearance also facilitates a straightforward application process, as the product can be mixed directly with the resin, thereby simplifying the manufacturing workflow. The liquid form ensures that the Internal Mold Release Agent disperses uniformly throughout the material, offering consistent release properties across the entire surface of the molded part.

As a chemical classified release agent for composite, it is designed to meet the rigorous demands of the composite manufacturing industry. It is compatible with a wide range of composite materials, including those used in high-performance applications. The release agent's chemical composition is tailored to function effectively under the thermal and pressure conditions typically encountered in composite material processing.

Packaging options for the Internal Mold Release Agent are highly adaptable to meet the needs of customers. The standard packing is 1 Gal/drum, but it can also be provided as per the customer's request, allowing for customization based on production volume and storage capabilities. This flexibility in packaging ensures that customers from small-scale operations to large manufacturing facilities can benefit from the product's features without any hassle.

The release agent is acclaimed for its excellent release performance, which not only facilitates the easy removal of parts from the mold but also contributes to the quality of the finished product. Surface imperfections are minimized, resulting in fewer post-processing steps and a more aesthetically pleasing final product. This is particularly important for high-end applications where surface finish is paramount, such as in the automotive, aerospace, and sporting goods industries.

Specifically, as a release agent for carbon fiber, the product is adept at ensuring the integrity of the carbon fibers is maintained during the molding process. The agent prevents the resin from bonding to the mold surface, thus preserving the structural and aesthetic properties of the carbon fiber components. The ease of release also helps in preventing damage to both the molded part and the mold itself, enhancing the durability and lifespan of the mold.

Furthermore, the Internal Mold Release Agent is also effective as a release agent for epoxy resin. Epoxy resin systems are known for their strong adhesive properties, which can make demolding a challenge. This release agent overcomes that challenge by providing a barrier that allows for clean and easy separation of the epoxy resin part from the mold. This is especially beneficial when dealing with intricate designs and tight tolerances.

In conclusion, the Internal Mold Release Agent is a versatile, high-performance product that stands out in the market for its exceptional release effect, ease of application, and adaptability to a wide range of composite materials. Its long shelf life, convenient liquid appearance, and customizable packing options make it a smart choice for manufacturers looking to enhance their production efficiency and product quality.

Features:

Product Name: Mold Release Agent

Release Effect: Excellent Release Performance

Classification: Chemical

Compatibility: Compatible With Epoxy Resin/carbon Fiber

Packing: 1 Gal/drum Or As Per Customer's Request

Odor: Slight/solvent Odor

Key Application: release agent for epoxy pipe

Type: mold release agent

Product Category: mold release agent

Technical Parameters:

Parameter	Specification
Storage	Store In A Cool And Dry Place
Odor	Slight solvent Odor
Application	Used In Composite Processing
Packing	1 Gal/drum Or As Per Customer's Request
Shelf Life	12 Months
Appearance	Liquid
Diluent	Solvent
Classification	Chemical
Release Effect	Excellent Release Performance

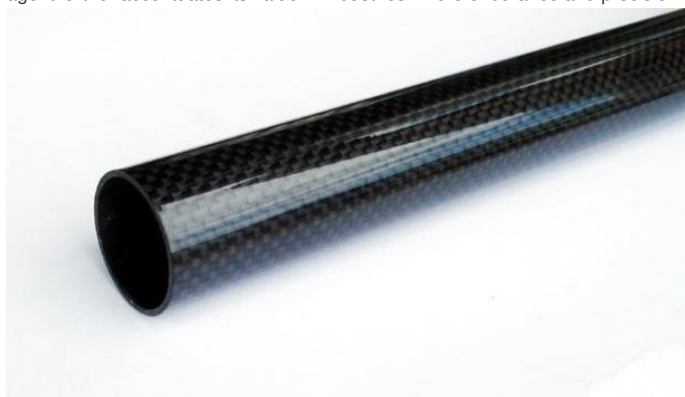
Solubility	Soluble In solvent
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Applications:

The Lubekote internal mold release agent, is a high-quality chemical product crafted with meticulous attention to detail in its place of origin, China. As an internal mold release agent, it is a vital component in various manufacturing processes. This product boasts solubility in both water and solvent, making it incredibly versatile and easy to incorporate into various systems. Its liquid appearance allows for easy application and distribution within a mold or material matrix. Lubekote is not only a standard internal mold release agent but also functions efficiently as a high temperature release agent, providing reliability under extreme conditions.

Lubekote's compatibility with materials like epoxy resin and carbon fiber makes it a sought-after release agent for composite materials. The careful formulation ensures that it integrates seamlessly, ensuring that there are no adverse chemical reactions during the curing process or under the heat and pressure of molding operations. Manufacturers in the aerospace, automotive, and sports equipment industries find Lubekote to be particularly beneficial when producing parts that require a high level of precision and durability. Application occasions for Lubekote vary widely. In the automotive industry, it is used in the manufacturing of composite engine components that must withstand high temperatures and stress. In aerospace, it is vital for creating carbon fiber-reinforced polymers for aircraft parts where weight and strength ratios are critical. The sports equipment sector employs Lubekote in the production of high-performance gear such as carbon fiber bicycles, rackets, and helmets, where the end products must be lightweight yet strong. Scenarios where Lubekote demonstrates its utility include the molding of intricate parts that require a clean release without compromising the part's integrity or finish. It is also useful in high-volume production environments where a quick and effective release is necessary to maintain efficiency. The product's 12-month shelf life ensures that it can be stored and used over extended periods, reducing waste and the need for frequent reordering.

Overall, Lubekote's internal mold release agent exemplifies a perfect blend of efficiency, compatibility, and durability, making it an essential addition to the production processes of high-performance composite materials. Its ability to act as a high temperature release agent further accentuates its value in industries where endurance and precision are paramount.



Support and Services:

The Internal Mold Release Agent product is designed to enhance the molding process by allowing for easy separation of molded parts from their molds. This product is engineered to integrate seamlessly with various resin systems, ensuring a smooth surface finish and reducing the need for external release agents.

Technical support for the Internal Mold Release Agent includes assistance with product selection based on your specific application and resin system. Our team can provide guidance on optimal usage rates, mixing procedures, and safety measures to ensure the best performance of the product.

In addition, we offer troubleshooting services to help solve any issues that may arise during the use of our product, such as problems with mold release, surface finish, or compatibility with particular resin systems. Our experts are equipped to provide recommendations for corrective actions and adjustments to application techniques.


For continuous improvement of our services, we welcome feedback on the performance of the Internal Mold Release Agent in your

processes. Our goal is to provide you with the support needed to achieve efficient and high-quality production.

Packing and Shipping:



Product Packaging: The Internal Mold Release Agent is packaged in industrial-grade, sealed containers to ensure product integrity and quality. Each container is labeled with product information, handling instructions, and safety measures. The packaging is designed to prevent leakage and to protect the contents from moisture and contaminants.

Shipping: The packaged Internal Mold Release Agent is securely palletized for shipping. All shipments are accompanied by the appropriate Material Safety Data Sheets (MSDS) and are classified according to transportation regulations. The product is handled with care during transportation to prevent damage and ensure that it arrives at its destination in optimal condition.



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.

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