

Liquid Type Solvent Based CPU Adhesive Universal Bonding Agent One Component

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Thinkbond
- Model Number: Thinkbond 942
- Minimum Order Quantity: None
- Price: 0-99usd
- Packaging Details: 25L, 200L
- Delivery Time: 10-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/month



Product Specification

- Diluent: Solvent
- Type: Liquid
- Odor: Solvent
- Advantages: Easy To Apply
- Chemical Resistance: Excellent
- Packaging: 25L, 200L
- Application: Universal Bonding Agent For CPU
- Highlight: **Solvent Based CPU Bonding Agent,
One Component Liquid CPU Adhesive,
Thinkbond Bonding Agent for CPU**

Product Description

Solvent Based Universal Bonding Agent for CPU Thinkbond 942

Product Description:

Thinkbond 942 is a Clear One-Component Solvent-Based Bonding Agent for Castable Polyurethane Elastomers and Thermoplastic Polyurethane Elastomers (PU's And TPU's). Thinkbond 942 is a heavy metals free product.

Thinkbond 942 is a one coat bonding system for PU's and TPU'S to all metals during the curing process. Thinkbond 942 will also bond polyurethane elastomers to polyamides and other engineering thermoplastics, such as Hytrel® , polyester, PES, PPS and PPO, at 80°C or above. Thinkbond 942 has excellent environmental resistance to hot and cold water, fluids.



Features:

Appearance Clear to light Yellow liquid.
 Non-volatile solids (1h @ 105°C) 21-25%
 Specific gravity at 25°C 0,88-0,94 g/cm³
 Viscosity Brookfield at 25°C 270 cps - #2 spindle @ 30 rpm.
 Viscosity Ford Cup # 4 at 25°C 80 s.
 Diluents MEK/ PMA
 Bonding Temperature Range 80 to 150°C
 Shelf life 1 year (closed can below 25°C).

Technical Parameters:

Adhesive Bonding Agent Technical Parameters	
Type	Liquid
Advantage	Universal bonding agent
Packaging	25L, 200L
Chemical Resistance	Excellent
Application	CPU Bonding
Color	Clear to light Yellow liquid
Odor	Solvent
Diluent	MEK/ PMA
Key Features	
- CPU to metal bonding agent	

- Dilutable
- Excellent chemical resistance
- Suitable for bonding applications

Applications:

Thinkbond Adhesive Bonding Agent

The Thinkbond Adhesive Bonding Agent is a high-quality chemical product that is specifically designed for bonding various materials together. With its excellent chemical resistance and strong adhesion properties, it is the perfect solution for all your bonding needs.

Product Attributes:

METAL SURFACE PREPARATION: Prepare the metal surface properly by removing completely oil, grease and dirt. Blasting the surface with grit blasting steel so that the surface roughness is greater than 15 µm. For aluminum surfaces we recommend the use of aluminum oxide as abrasive. Clean again the substrate to remove dust from blasting residues. If specified, the metal part can be phosphatized, galvanized, chromate conversion treated or KTL, before applying adhesive.

APPLYING Thinkbond: Agitation: We recommend stir Thinkbond 942 before the application to avoid settle down. Brushing: Application by brushing is normally undertaken without further dilution, but for coating large areas, dilution with MEK (or the diluent blend shown below) improves flow and speed of application. Spraying: We recommend an HVLP gun using 1.5 Bar air-pressure and a nozzle size of 1 - 1.5mm. For this application we recommend diluting between 50 and 100% v/v. Roller coating: Dilute to 35 - 45 seconds on a DIN 4 or Ford 4 cup at 25 C for most roller application processes. Dilution with a high boiling solvent like MPA may be necessary to achieve the best finish and to reduce the skinning of the bonding agent in the applicator. Drying: Dry the film between 10 and 30 minutes at room temperature. If it is necessary to reduce drying time, we recommend to use forced air for 5 minutes at 100°C maximum. Do not use in this stage temperatures above 100°C to avoid adhesive pre-cure. After this process, follow to cure. Thickness of application layer: The film obtained by applying Thinkbond 942 is colorless. The layer thickness must be between 15 and 25 µm. For severe environments or dynamic fatigue applications, use ≥ 25 microns. Under these conditions it is possible to achieve bonds with no edge-failure after 400 hour salt-spray tests Parts with Thinkbond 942 already applied can be stored for 30 days prior to cure.

STORAGE:

Keep container tightly closed during storage and always keep away from heat sources. Store in an environment below 10°C increases the shelf life of the adhesive.

Contact Us

For more information about our Thinkbond Adhesive Bonding Agent and our customization services, please contact us at export@lorechem.com Our team will be happy to assist you with any questions or inquiries.

Support and Services:

Adhesive Bonding Agent Technical Support and Services

Product Description

Adhesive Bonding Agent is a high-performance adhesive designed for use in a variety of industrial and commercial applications. It provides excellent bonding strength and durability, making it suitable for bonding a wide range of materials, including metals, plastics, and composites.

Technical Support

Our team of experienced technicians is available to provide technical support and assistance with any questions or issues related to the use of Adhesive Bonding Agent. We offer comprehensive technical support services, including:

Product recommendations and selection guidance

Application techniques and best practices

Troubleshooting and problem-solving

Customized adhesive solutions for specific needs

We are committed to ensuring that our customers have a positive experience with our product and are available to provide support and guidance every step of the way.

Services

In addition to technical support, we also offer a range of services to assist with the use of Adhesive Bonding Agent. These include:

Customized product development for unique applications

On-site training and demonstrations

Product testing and analysis

Supply chain management and logistics support

Our services are designed to help our customers optimize the use of Adhesive Bonding Agent and achieve the best possible results in their applications.

Contact Us



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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