

Lead Free Liquid Form Rubber Adhesive , Bonding Agent For Rubber To Metal

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Thinkbond
- Model Number: 27MS
- Minimum Order Quantity: None
- Price: 0-99usd
- Packaging Details: 20L/200L
- Delivery Time: 15-20 working days
- Payment Terms: T/T
- Supply Ability: 20T/month



Product Specification

- Bond Strength: Strong
- Odor: Solvent
- Classification: Chemical
- Form: Liquid
- Type: Adhesive
- Application: Rubber Bonding
- Color: Black
- Highlight: **Lead Free Rubber To Metal Bonding Agent ,
1.02g/cm³ Rubber Bonding Adhesive,
Lead Free Liquid Rubber Adhesive**

Metal To Rubber Bonding Adhesive Cover Coating

DESCRIPTION:

Thinkbond 27MS is a lead-free bonding agent for the bonding of rubber compounds to metals and other solid materials under vulcanization conditions.

Thinkbond 27MS is especially suitable for the adhesion of compounds difficult to bond and of low hardness.

Thinkbond 27MS can be used as a one-coat bonding agent or as a coverment over a primer such as Thinkbond 11H.

TYPICAL PHYSICAL CHARACTERISTICS:

Appearance	oliver-green to black liquid.
Non-volatile solids (1h @ 105°C)	22,0-25,0%
Density at 25°C	0,96-1.02 g/cm ³
Viscosity Brookfield at 25°C	200-500.
Diluents	Xylene or toluene
Bonding Temperature Range	150 to 220°C
Shelf life	1 year (closed can below 25°C)

Elastomers:

- Natural Rubber (NR)
- Nitrile (NBR)
- Polyisoprene (IR)
- Butyl (IIR)
- Styrene-butadiene (SBR)
- EPDM Polymers
- Polybutadiene (BR)
- Polychloroprene (CR)

HOW TO PREPARE THE SURFACE:

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.

Thinkbond 27MS can be applied on surfaces treated by chemical processes such as galvanizing, phosphating, KTL...

Application:

Brushing:

Dilution ratio: use undiluted

Drying time: approx. 30 min at 20 °C

Stirring: stir before and during use

Spraying with air:

Diluent: e.g.xylene or toluene

Dilution ratio: 1 p.b.w. bonding agent+0.3-0.6 p.b.w. diluent

Viscosity: 30-90mPa.s(cp) (Brookfield LVT)

Drying time: approx. 15 min at 20 °C

Spray gun: e.g.Walther, Pilot III

Nozzle: 1.0 mm

Air pressure: 3-4 bar

Stirring: stir before and during use

Other application methods: are possible

Cleanup: Use solvents such as xylene or perchloroethylene to remove Thinkbond 27MS before heat is applied.

TOXICITY:

Breathing vapors for a prolonged period is harmful to health.

Use Thinkbond 927MS only with facial breathing mask, gloves, protection glass and appropriate ventilation.

Continuous contact with the skin may cause irritation.

Adhesive Thinkbond 927MS may be fatal if swallowed.

If swallowed, do not induce vomiting but call a physician.

STORAGE:

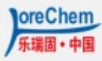
Keep container tightly closed during storage and always keep away from heat sources. Storage in an environment below 10°C increases the shelf life of the adhesive.









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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