

Stock Code: 300041
www.huitian.net.cn

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HUITIAN NEW MATERIAL

Adhesive Solutions for Construction



To learn more about HUITIAN Group,
please scan the QR code to follow.

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HUITIAN NEW MATERIAL

Huitian Connecting the World!



Hubei Base 300,000m²



Guangzhou Base 50,000m²



Shanghai Base 200,000m²



Changzhou Base 200,000m²



Yicheng Base 20,000m²



Vietnam Base 20,000m²

About us

Huitian New Material (stock code: 300041) is the oldest enterprise in China's adhesive new material industry, with 46 years of development history, focusing on research and development, constantly breaking through the innovative technology of adhesive new material, taking the lead in solving the problem of necklace. With over 2,000 products spanning across six disciplines, our offerings find extensive application in new energy, transportation, 5G communication, consumer electronics, aerospace, and beyond. We are committed to delivering new material one-stop solutions for high-end manufacturing industry head customers.

Huitian New Material has five R&D bases in Shanghai, Guangzhou, Xiangyang, Yicheng and Changzhou, as well as industrial bases in Southeast Asia, providing customers with a stable supply of multi-series, high-quality products, and possessing a large-scale manufacturing capacity; the existing core R&D team consists of more than 300 people with PhDs and master's degrees, and it is the first "National Enterprise Technology Centre" in the domestic adhesive new material industry. Huitian New Material has been continuously investing in R&D for a long period of time, joint development with customers, and forward-looking product reserve, constantly refining sustainable R&D capability; Huitian people's high-efficiency organisational force quickly responds to customers' needs, and empowers and adds value to customers' products.

Huitian New Material focuses on the three core business areas of the high-end manufacturing industry - new photovoltaic energy, large transportation, and communication electronics - and has entered into long-term strategic partnerships with Huawei, CATL, LONGi, Nissan, and other head customers in the high-end manufacturing industry, and has been cooperating and innovating with its customers in order to make breakthroughs and make win-win connections.

Huitian New Material is a leading enterprise in China's adhesive new material industry, known for its organic growth and strong development momentum. With over 10 years of being listed, the company has consistently achieved steady and continuous growth, playing a significant role in the advancement of the national adhesive materials industry. Huitian is driven by its mission to serve the industry and contribute to society. The company is fully committed to the development of new material technologies and believes in the limitless potential of adhesives. By collaborating closely with customers, Huitian aims to build a strong reputation as a national enterprise that upholds dignity and excellence.

Contents

Vision

Become the preferred expert in adhesives and new materials

Strive to surpass the world's advanced level

Mission

Serve the nation and society through industrial development

Value

Customer-centric, striver-oriented

Long-term hard work and continuous self-criticism



Part 1

Company Introduction

Development history
R&D and manufacturing
Six major industries

Part 2

Door/window Adhesive

9335/9355/9375 neutral silicone sealant
9961 silicone fireproof sealant
9377/9378 corner-assembly adhesive

Part 3

Adhesive Product Solutions for Insulating Glass

9665/9665s insulating glass adhesive
9667/9667s insulating glass adhesive

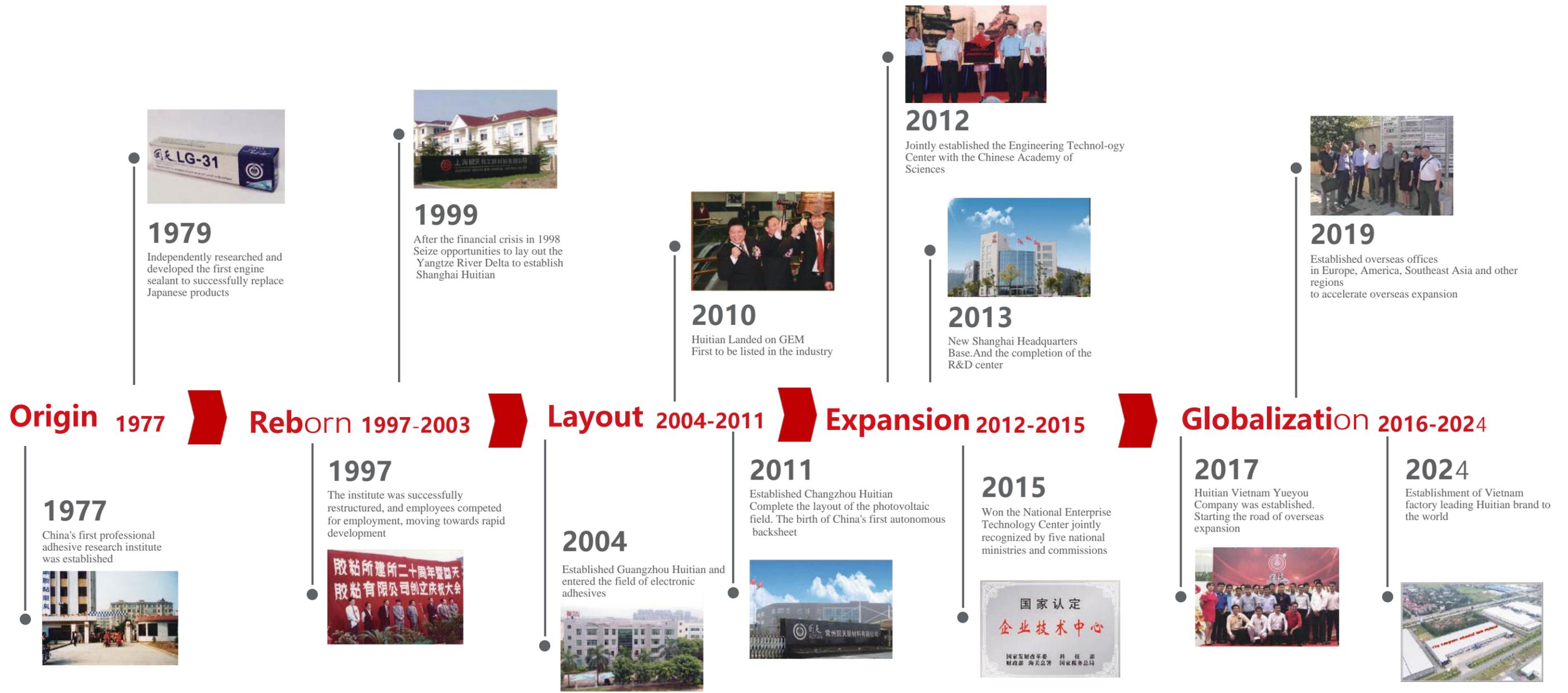
Part 4

Acid Adhesive/Home Decoration Product Solution

Acid adhesive
Antifungal adhesive
Nail free adhesive
Tile Caulking Agent

**Restructuring for 25+ years, annual sales of 5+ billion, increase of 500+ times
Huitian becomes the No.1 brand of adhesives in China**

47 years of anchoring in the adhesive industry
the king are not born with



Pioneering Research, Defining the Future of Our Industry!

300+

R&D Professionals

30+

Research Groups

100+

Innovation Laboratories

150+

Application Analysis Equipment

The largest Production Scale in China

220,000 t/a

Silicone

80,000 t/a

Polyurethane

20,000 t/a

Lithium Battery Anode Adhesive

130 million m²/a

PV Backsheet



- 4 National Key New Products
- 8 National Torch Plans
- Participating in the Formulation and Revision of 15 National or Industry Standards
- 40+ Certifications by Authority Organizations
- 40+ Provincial-level Sci-tech Achievements Appraisal
- 300+ Innovative Patents
- High-Tech Enterprises of Shanghai, Guangdong Province, Hubei Province, and Jiangsu Province

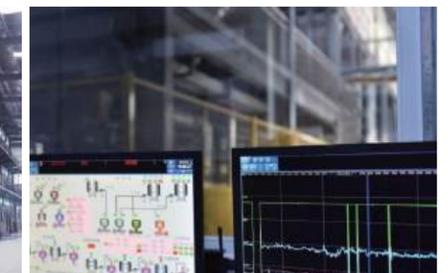
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100,000-class Dust-free Backsheet Production Workshop



World-leading Polyurethane Adhesive Production Line



Automated and Informationized Production Management System



Strictly Implementing Lean Production, TPM and other Specifications



Full-process Production Quality Supervision

6 industries, 6 types of adhesive, and 2,000+ products

Comprehensive Adhesive Solution From Huitian



PV industry

One out of every two PV cells in the world comes from HUITIAN



Electronics industry

Comprehensive adhesive solutions for electronics industry



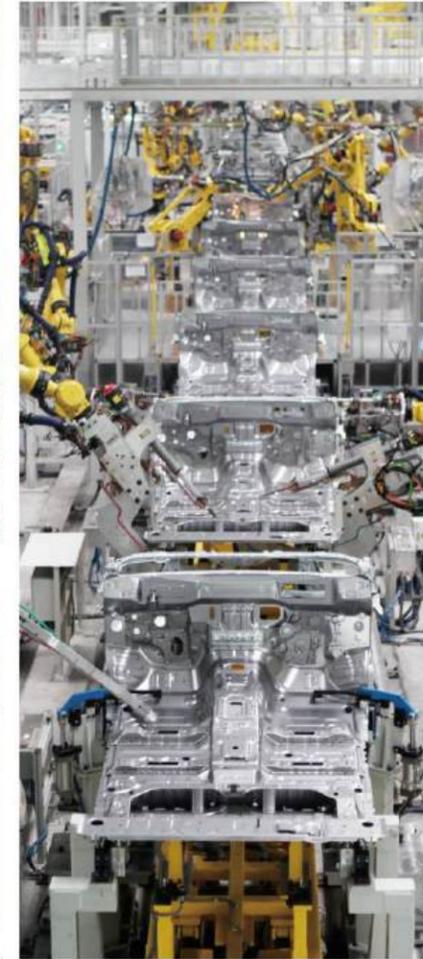
Power battery

All-around cooperation with top new energy automobile companies worldwide



Rail transit

380km/h high-speed railway passenger train localization strategic supplier



Automobile industry

Leading supplier of adhesives and chemicals in entire automobile industry chain



Packaging industry

Providing more universal, reliable, and environmentally friendly soft packaging laminated adhesives

Door/window Adhesives



- ◆ Window frame
- ◆ Glass
- ◆ Door frame
- ◆ Skirting line
- ◆ Door lock
- ◆ Suspended ceiling

Door/window Adhesive Product Solutions

| Testing item | Indexs | 9335 | 9355 | 9375 |
|---|----------------|----------------|----------------|----------------|
| Tack-free time, min | 180 | 20 | 25 | 26 |
| Extrusion rate, ml/min | 15-80 | 65 | 60 | 55 |
| Elasticity recovery rate (100% at definite elongation), % | 80 | 88 | 90 | 92 |
| Maximum strength elongation, % | / | 267 | 220 | 238 |
| Tensile modulus, MPa | > 0.4 | 0.67 | 0.68 | 0.69 |
| Cold-drawing and hot-pressing adhesiveness | No destruction | No destruction | No destruction | No destruction |
| Adhesion after immersion in water and exposure to light | No destruction | No destruction | No destruction | No destruction |

| Product grade | Applications | Purpose | Notes |
|---------------|---|---|----------------------|
| 9333 | Bonding home decoration profiles such as doors and windows, wood, aluminum panels, etc. | Bonding and sealing | Multipurpose |
| 9335 | Sealing door/window outer walls and internal fans | Bonding and sealing to prevent leakage | High versatility |
| 9355 | Sealing door/window inner and outer walls | Bonding and sealing | 20HM |
| 9375 | Bonding and sealing door/window inner and outer walls and integrated insulation panels | Bonding and sealing to prevent leakage | TOP (Vanke) |
| 9961 | Fireproof seal of door/window cladding | Fireproof seal | A3 grade |
| 9377 | Door/window corner assembly bonding and sealing | Structural bonding | One component |
| 9378 | Structural bonding of door/window assembled corner parts | Structural bonding and fixing doors and windows | High strength (dual) |



9335/9355/9375

Neutral Silicone Sealant



Product description

As a general-purpose silicone building sealant for caulking and sealing doors, windows, and inner and outer walls, it has good adhesion to a variety of doors, windows, and building substrates. The product is also suitable for general sealing, including glass, ceramic tiles, concrete, bricks, stones, aluminum, etc. It is a one-part, neutral-curing product that is non-corrosive to substrates.

Product packaging

Plastic tube packaging: 300mL/cartridge

Composite soft film packaging: 590mL/sausage

Product color

Products in different colors including black, white, gray, and translucent.

Product usage

First, ensure that the contact surface is clean and dry. Remove the rust, dust, oil stains, etc. Clean with solvent (if necessary), and wait for it to dry before use.

Stick protective material on the parts that need to be protected but do not touch the surface that needs to be applied with adhesive.

Squeeze the adhesive from the adhesive tube to the interface with an adhesive gun.

When correction is required, it needs to be made before the curing of the colloid to ensure that it is smooth and good-looking.

Product features

One-part, neutral-curing.
Good extrudability and thixotropy.
Good adhesion, suitable for bonding various substrates.
Excellent weather resistance and reliable and long life.
Environmentally friendly, non-corrosive. No irritating odor.

Main application

Suitable for all kinds of door/window installation, glass assembly.
Suitable for waterproof sealing of window sashes.
Other multi-purpose caulking and sealing, etc..

Product features

Single component, good extrudability and thixotropy, making it easy to use.

Neutral curing, widely applicable, environmentally friendly, non-corrosive;

High fire resistance rating, reaching the highest level of 3-hour mandatory fire protection certification.

Excellent adhesion, strong adhesion with most building materials after curing, no need for primer.

Product description

one-part, neutral-curing silicone fireproof sealant with excellent fire resistance performance, dedicated for various fireproof claddings, fireproof doors and windows, wall pipelines, and circuit perforations, providing safe and reliable performance guarantee for buildings.

Main application

Suitable for fireproof and waterproof sealing of fire doors and windows

Suitable for joint sealing of concrete, metal, roof construction

Many other purposes.

Product performance

| Testing item | | Indexs |
|--|------------|----------------|
| Sag, mm | Vertical | ≤3 |
| | Horizontal | No deformation |
| Extrudability, ml/min | | ≥80 |
| Tack-free time, h | | ≤3 |
| Displacement capacity, % | | ±20 |
| Elasticity recovery rate, % | | ≥80 |
| Tensile modulus, MPa | 23°C | ≥0.4 |
| | -20°C | ≥0.6 |
| Thermal weight loss,% | | ≤6 |
| Adhesion at definite elongation | | No destruction |
| Adhesion after hot pressing and cold drawing | | No destruction |
| Adhesion at definite elongation after immersion in water and exposure to light | | No destruction |

9961 Silicone Fireproof Sealant

Product packaging

Plastic tube packaging: 300ml/cartridge

Composite soft film packaging: 590ml/ sausage

Product color

Black, gray, white or other colors required by users.

9377/9378

Corner-assembly Adhesive



Product description

The product has the characteristics of strong adhesion, oil resistance, water resistance, aging resistance, and low temperature resistance. It is suitable for bonding aluminum corners with aluminum covers and wing frames in doors, windows, and facade construction works to improve the overall strength of aluminum alloy doors and windows, ensure the air tightness and water tightness of the assembled corner parts of doors and windows, and solve problems such as deformation, cracking, and leakage at the assembled corner parts of doors and windows. It is also suitable in different industries for bonding other materials. It is a product with high stability, no damage to surfaces coated with paint, and acid resistance and can be used for surface spraying. This product is non-toxic, odorless, solvent-free and environmentally friendly.

Product features

Two types of packaging: One-part and dual-cartridge

Good extrudability and thixotropy, easy-to-use.

Main application

It is suitable for bonding aluminum corners with aluminum covers and wing frames in doors, windows, and facade construction works. It can also be used for bonding other materials in different industries.

Strong adhesion and high stability.

Product performance

| Testing item | 9377 | 9378 |
|---------------------|------|------|
| Tack-free time, min | 35 | 40 |
| Shear strength, MPa | 4.5 | 12 |

Adhesive Product Solutions for Insulating Glass



| Product grade | Adhesive-applying point | Purpose | Notes |
|---------------|---|--------------------------------|--|
| 9665S | Secondary sealing of non-structural insulating glass | Bonding and sealing | Small and medium-sized glass factories |
| 9665 | Secondary sealing of non-structural insulating glass | Bonding and sealing | Regional benchmark customers |
| 9667S | Secondary structural bonding and sealing of insulating glass. | Structural bonding and sealing | Regional benchmark customers |
| 9667 | Secondary structural bonding and sealing of insulating glass. | Structural bonding and sealing | CSG/TAIWANG LASS/Yaohua Pilkington |

9665/9665s

Insulating Glass Adhesive



Product description

Two-part, neutral-curing silicone sealant dedicated for secondary sealing for insulating glass.

Product packaging

Part A: 190L/drum, 180L/drum.
Part B: 19L/barrel, 18.5L/barrel.

Product color

Part 9665A is white, and Part 9665B is black, and the mixture is black.

Product usage

First, ensure that the surface of the insulating glass for applying adhesive is clean and dry. Before applying adhesive, a butterfly test should be conducted to check the mixing uniformity of the two-part sealant and test the breaking time of the adhesive. Part B must be stirred before use to avoid possible precipitation during transportation. The filling amount of the secondary sealant should be observed from time to time to ensure that the sealant is fully in contact with the butyl glue and flush with the edge of the glass. Insulating glass applied with adhesive should be separated piece by piece. and should be left standing for curing. Only after curing can it be transported.

Product features

Adjustable curing speed, fast deep curing.
Suitable for construction in factories.
Good adhesion to most building materials such as metal, glass, and coated glass.
High modulus and high strength.
Releasing low-molecular alcohol substances during curing, without irritating or unpleasant odor.
Excellent weather aging resistance, aging resistance, UV resistance, ozone resistance and water resistance.

Main application

Secondary sealing of insulating glass

Product performance

| Testing item | | Indexs | 9665 | 9665s |
|------------------------------|--|----------------|----------------|----------------|
| Pot life, min | | ≥20 | 60 | 60 |
| Sag, mm | Vertical | ≤3 | 0 | 0 |
| | Horizontal | No deformation | No deformation | No deformation |
| Hardness, Shore A | | 20~60 | 46 | 48 |
| Water-UV tensile adhesion | Tensile bonding strength, MPa | ≥0.45 | 0.62 | 0.68 |
| | Maximum tensile strength elongation, % | ≥40 | 97 | 45 |
| | Adhesive failure area, % | ≤30 | 2 | 0 |
| Adhesion after hot air aging | Tensile bonding strength, MPa | ≥0.60 | 1.02 | 0.75 |
| | Maximum tensile strength elongation, % | ≥40 | 89 | 42 |
| | Adhesive failure area, % | ≤30 | 0 | 0 |
| Thermal weight loss,% | | ≤6 | 1 | 2 |

9667/9667s

Insulating Glass Adhesive



Product description

Two-part, neutral-curing silicone structural sealant dedicated for secondary sealing for insulating glass.

Product packaging

Part A: 190L/drum, 180L/drum.
Part B: 19L/barrel, 18.5L/ barrel.

Product color

9667 Part A is white, and 9667 Part Bis black, and the mixture is black.

Product usage

First, ensure that the surface of the insulating glass for applying adhesive is clean and dry. Before applying adhesive, a butterfly test should be conducted to check the mixing uniformity of the two-part sealant and test the breaking time of the adhesive. Part B must be stirred before use to avoid possible precipitation during transportation. The filling amount of the secondary sealant should be observed from time to time to ensure that the sealant is fully in contact with the butyl glue and flush with the edge of the glass. Insulating glass applied with adhesive should be separated piece by piece. and should be left standing for curing. Only after curing can it be transported.

Product features

Two-part, adjustable curing speed, fast deep curing, suitable for factory construction.

High strength, high modulus and excellent adhesion.

Neutral-curing, non-corrosive to various glass materials such as coated glass, LOW-E glass, tempered glass, and laminated glass.

Main application

Suitable for structural applications. For example, the bonding of insulating glass for claddings with concealed frames assembled in factories can form a durable, elastic and waterproof sealing layer after curing.

Product performance

| Testing item | Indexs | 9667 | 9667s | |
|--------------------------|--|----------------|----------------|----------------|
| Pot life, min | ≥30 | 60 | 51 | |
| Sag, mm | Vertical | ≤3 | 0 | 0 |
| | Horizontal | No deformation | No deformation | No deformation |
| Hardness, HsA | 20~60 | 46 | 45 | |
| Tensile adhesion | Standard conditions | ≥0.45 | 1.29 | 0.98 |
| | 90°C, MPa | ≥0.45 | 1.01 | 0.81 |
| | -30°C, MPa | ≥0.45 | 1.93 | 1.30 |
| | After immersion in water, MPa | ≥0.45 | 1.13 | 1.14 |
| | After immersion in water and exposure to UV, MPa | ≥0.45 | 1.01 | 1.11 |
| Adhesive failure area, % | ≤5 | 0 | 0 | |
| Thermal aging | Thermal weight loss,% | ≤10 | 2.0 | 1.2 |
| | Cracking/pulverizing | None | None | None |

Acid Adhesive/Home Decoration Product Solution



Acid Adhesive



Antifungal Adhesive



Nai-free Adhesive



Tile Caulking Agent



Product description

The product is a one-part, acid-cured siliconesealant, which is suitable for glass and industrial applications. It can be cured into flexible silicone rubber under the action of atmospheric moisture at room temperature.

Product features

- Solvent-free
- Low shrinkage during curing process
- Flexible at low temperatures (40°C) and high temperatures (+180°C)
- Rapid cross-linking: Becoming non-sticky quickly
- Excellent adhesion on glass, vitrified surfaces, ceramic tiles, many plastics and most paints.
- Long shelf life

Main application

Glass and window structures.
Used for sealing the joints between glass and supporting structures (frames, beams, mullions)

Acid Adhesive

Product packaging

300ml

Product color

Translucent white.

Direction for use

The substrate area in contact with the sealant must be clean, dry, and free of any loose materials, dust, dirt, rust, oil, or other contaminants. Non-porous substrates should be cleaned with solvent and a clean, lint-free cotton cloth. Residual solvent should be removed with a clean, dry cloth before it evaporates.

| Test Item | 9300 |
|----------------------------|------|
| Tack-free time, min | 8 |
| Density, g/cm ³ | 1.02 |
| Tensile strength, MPa | 1.8 |
| Elongation at break, % | 400 |
| Hardness, shore A | 23 |

Antifungal Adhesive

Product description

It is a one-part, neutral-curing silicone sealant suitable for home decoration, kitchen and bathroom. It can be cured into flexible silicone rubber under the action of atmospheric moisture at room temperature.

Product features

Solvent-free
Low shrinkage during curing process

Main application

Suitable for sealing joints between kitchen countertop, sink, toilet and floor, and joints between shower room and floor.

Suitable for sealing joints in other materials.

Direction for use

The substrate area in contact with the sealant must be clean, dry, and free of any loose materials, dust, dirt, rust, oil, or other contaminants. Before the surface dries, a scraper or other tool can be used for surface scraping and shaping.

Product packaging

300ml 100ml

Product color

White

Nai-free Adhesive

Product description

The product is a one-part, neutral-curing sealant suitable for bonding. It can get cured under the influence of atmospheric moisture at room temperature.

Main application

Suitable for indoor and outdoor applications of various wooden boards, ceramics, metals, concrete, stones and other materials.

Decorations such as door/window frames, skirting lines, gypsum lines, stair treads, etc.

Suitable for bonding mirrors, handles, crystal boards, marble, and boards.

Suitable for bonding signs, acrylic, calligraphy and painting, exhibition boards, etc.

The using effect of the product depends on the actual substrate and usage conditions.

Direction for use

The substrate area in contact with the sealant must be clean and dry, free of water, oil stains or dust. It should be kept dry to ensure that the substrate is sturdy and free of loose substances or release agents.

Aim at the substrate, extrude an appropriate amount of adhesive, apply it on the surface of the substrate, and press it tightly at the bonding point. Within a period of time (usually 3-5min) after applying adhesive, appropriate movement to adjust the position is allowed. If the article to be bonded is heavy, auxiliary fixation is necessary before complete curing to ensure the bonding effect.

After bonding, it usually takes 48 hours to cure at room temperature.

If the bonded article/frame need to bear or hang heavy articles, it needs to be cured for 72 hours or more to ensure the load-bearing effect and safety.

The remaining adhesive after use should be immediately sealed and stored in a sealed manner. When using it again, if there is a little crust on the seal, just remove it.

Product packaging

300ml 100ml

Product color

White/black/translucent

Product features

Solvent-free
Low shrinkage during curing process
High strength
Quick positioning

Tile Caulking Agent

Product description

The product is a two-part, neutral-curing sealant suitable for floor caulking. It can get cured at room temperature.

Product features

Solvent-free
Low shrinkage during curing process
Wear resistance and antifouling

Main application

Suitable for caulking joints between various floor tiles and wall tiles

Direction for use

The substrate area in contact with the sealant must be clean and dry, free of water, oil stains or dust, and kept dry.

Aim at the joint in the substrate, extrude an appropriate amount of adhesive, and use a tool for surface scraping or joint pressing.

Product packaging

400ml

Product color

White/black/gold/silver, customizable colors.