SINOPCC GROUP

We are around the world

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High-Performance Silicone Resins, Intermediates and Polysilazanes for Advanced Coating Applications

Sustainable Innovation for a Better Future

SiSiB SILICONES 西斯博有机硅

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Founded in 1989, SiSiB SILICONES has grown into a recognized leading company in the global silicone industry, specializing in the research, development, and manufacturing of silanes and silicone-based materials. Positioned strategically along the entire silicone value chain, we provide a comprehensive portfolio of high-performance products, including silanes, siloxanes, silicone fluids, silicone rubbers, fumed silicas, silicone polymers, and specialty additives, each tailored to meet the evolving needs of customers worldwide.

To ensure consistent product quality and reliable supply, we adopted a backward integration strategy. By 2015, we achieved full vertical integration, covering every step from silicone monomer production to advanced downstream applications. Today, we operate two upstream production bases and seven downstream manufacturing facilities across China. All sites are equipped with precise monitoring systems and advanced automated equipment, continuously upgraded to maintain efficiency, safety, and alignment with global standards. We are certified by SGS to ISO 9001:2015, reflecting our commitment to international quality benchmarks.

Our team includes 1,800 dedicated professionals, among them more than 100 senior engineers. Their expertise fuels our innovation, strengthens our technical capabilities, and ensures strict quality control throughout every stage of production. This enables us to respond rapidly to shifting market demands while maintaining stable and reliable output.

We are committed to delivering high-quality products on time, helping our customers enhance their competitiveness through economies of scale, streamlined processes, and optimized throughput. If specific customer needs exceed our current capabilities, we are fully prepared to invest in expanding or upgrading our facilities, equipment, or production systems to deliver tailor-made solutions.

Sustainability lies at the heart of our operations. All of our manufacturing sites feature integrated by-product recovery and recycling systems. Built on the concept of a balanced plant, we aim to achieve zero waste and minimal environmental impact. We also continuously optimize our energy use and develop eco-friendly technologies for both new and existing product lines.

With exports to more than 100 countries, our solutions are widely used across industries including adhesives and sealants, agriculture, artificial stone, construction, coatings, pigments, foundries, fiberglass, textiles, personal care, pharmaceuticals, plastics, thermoplastics, polyurethane foams, rubber, tires, and electronics.

We welcome long-term partnerships and collaboration opportunities. Through reliable service, professional expertise, and a forward-thinking approach, we remain dedicated to delivering sustainable, high-performance silicone solutions that meet the expectations of governments, industries, and consumers alike.

WHY SELECT SiSiB SILICONES?

DECADES OF MANUFACTURING EXCELLENCE

With over 30 years of experience in silane and silicone manufacturing, we have developed robust capabilities in meeting diverse production needs, from small-scale to large-scale operations.

CUSTOMER-CENTRIC FOCUS

At SiSiB SILICONES, we prioritize our customers' needs by constantly innovating and offering comprehensive raw material solutions. From initial product evaluation and testing to full-scale production and timely delivery, we provide unwavering support and formulation assistance every step of the way.

INNOVATION AND TECHNOLOGICAL EXPERTISE

Innovation drives SiSiB SILICONES, fueled by our commitment to sustainability and backed by our expertise in science, advanced technology, global market reach, and regulatory compliance. We continuously push boundaries to deliver cutting-edge solutions.

SUSTAINABLE AND RELIABLE SUPPLY

We excel in swift developing and scaling up processes, ensuring smooth transitions from concept to execution. Our dedication to sustainability extends to our supply chains, where we leverage proprietary technology, economies of scale, and backward integration to ensure a sustainable and dependable supply for our customers' needs.

SILICONE RESINS

Powering the Future of High-Performance Coatings

SiSiB® silicone resins bring next-generation performance to modern industrial coatings. Engineered with diverse functionalities - ranging from methoxy and silanol intermediates to high-purity phenyl, methyl, amino-functional solids and water-based emulsions - this series empowers formulators with unmatched design freedom. SiSiB® resins significantly enhance heat resistance, weatherability, hardness, and long-term durability, enabling coatings to perform reliably under extreme conditions. From ambient-curing silicone-organic hybrid systems to high-temperature protective paints and advanced powder coatings, SiSiB® delivers cleaner formulations, stronger films, and superior thermal stability. Whether your goal is to upgrade performance, reduce VOC, or build next-level durability, SiSiB® silicone resins offer the proven technology and versatility to elevate your coating solutions.

PRODUCT	FORM	DESCRIPTION
SiSiB® SR0307 Resin Intermediate	Liquid	SiSiB® SR0307 is a methoxy-functional, solventless liquid silicone resin that reacts with organic resins containing hydroxyl groups to form silicone-organic copolymers or undergoes hydrolysis and self-condensation to yield a cured silicone homopolymer. Countertype of DOWSIL-3074 Resin Intermediate.
SiSiB® SR0300 Resin Intermediate	Solid	SiSiB® SR0300 is a silanol-functional phenyl-propyl polysiloxane in solid, solvent-free form, designed for the modification of organic resins. It is particularly suitable for the development of air-drying silicone alkyd systems. Countertype of DOWSIL RSN 6018, Wacker SILRES SY 300

PRODUCT	FORM	DESCRIPTION
SiSiB® SR7001	Emulsion	SiSiB® SR7001 is a water-based silicone resin emulsion providing outstanding high temperature resistance and excellent yellow-resistance to industrial paints.

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PRODUCT	FORM	DESCRIPTION
SiSiB® SR4100	Liquid	SiSiB® SR4100 is a methoxy-functional methyl polysiloxane. It is a solvent-free, low-viscosity silicone resin designed for ambient moisture-curing, high-temperature resistant coatings. With a high inorganic content (SiO_2), SiSiB® SR4100 enables the formulation of heat-resistant paints that cure at room temperature and offer excellent thermal and mechanical stability. Similar to Wacker SILRES MSE 100.
SiSiB® SR4020	Liquid	SiSiB® SR4020 is a low viscosity, solventless, reactive amino-functional methylphenyl silicone resin. The typical application of this product is as a curing agent / crosslinker for two-component high solid (solvent-free) epoxy resin coatings. Countertype of Wacker SILRES HP2020.

PRODUCT	FORM	DESCRIPTION
SiSiB® SR8010	Solid	SiSiB® SR8010 is a solvent-free solid high methyl / phenyl ratio silicone resin with excellent compatibility with organic resins. It can be as a sole binder and is ideal as a base material for both powder and liquid coatings, offering enhanced durability and heat resistance. Countertype of DOWSIL RSN 0220.
SiSiB® SR8604	Solid	SiSiB® SR8604 is a solvent-free solid high phenyl / methyl ratio silicone resin with excellent compatibility with organic resins. It can be as a sole binder and is ideal as a base material for powder coatings, offering enhanced durability and heat resistance. Countertype of Wacker SILRES 604.
SiSiB® SR8030	Solid	SiSiB® SR8030 is a solvent-free solid pure-phenyl silicone resin with excellent compatibility with organic resins. It can be as a sole binder and is ideal as a base material for both powder and liquid coatings, offering enhanced durability and heat resistance.
SiSiB® SR8040	Solid	SiSiB® SR8040 is a solvent-free, pure-methyl silicone resin that blends seamlessly with organic resins. It delivers exceptionally high hardness, superior mechanical resilience, and excellent chemical and weather resistance. Its high SiO_2 content also produces far less smoke during initial heating compared with resins containing higher levels of organic substituents. Similar to Wacker SILRES MK, Momentive YR3370.

AmorZane Polysilazane

Engineered for Tomorrow's Performance.

The AmorZane™ polysilazane series represents a breakthrough class of high-performance materials designed for next-generation protective and functional coatings. With ultra-low viscosity, solvent-free compositions, and rapid-curing reactivity, AmorZane™ grades such as 5500, 5510, 5330, and 5800 deliver exceptional high-temperature resistance, outstanding scratch resistance, and superior hydrophobicity. These liquid polysilazanes form dense Si-N ceramic-like networks upon curing, enabling unmatched durability and long-term protection under extreme operating environments. Whether used as advanced coating binders or as precursors for polymer-derived ceramics, the AmorZane™ series offers formulators powerful tools to build ultra-thin, high-strength, high-performance coatings with cutting-edge functionality.

PRODUCT	FORM	DESCRIPTION
AmorZane™ 5500 Polysilazane	Liquid	AmorZane™ 5500 is a low-viscosity, solvent-free polysilazane resin designed for rapid curing, providing high-temperature resistance, scratch resistance, and hydrophobic performance in coatings. Countertype of Merck Durazane 1500RC.
AmorZane™ 5510 Polysilazane	Liquid	AmorZane™ 5510 is a liquid low-viscous, solvent-free polysilazane resin to be used as high-temperature resistant, scratch-resistant, and hydrophobic coatings. Countertype of Merck Durazane 1500SC.
AmorZane™ 5330 Polysilazane	Liquid	AmorZane™5330 is a liquid low-viscous, solvent free polysilazane resin to be employed as coating binder. Countertype of Merck Durazane 1033.
AmorZane™ 5800 Polysilazane	Liquid	AmorZane™ 5800 is a liquid low-viscous, solvent-free polysilazane resin to be employed as coating binder and polymeric ceramic precursor. Countertype of Merck Durazane 1800

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