



BX-SRE-301 Silicone resin emulsion

I. Product Description

Basic Features:

This product is a non-ionic, methyl silicone resin emulsion, used in heat resistant industrial coatings. It has good high temperature resistant performance and film forming and air-drying properties. Varnish paint heat-resistance can reach up to 300°C, colored paint can reach up to 500°C, and also has good compatibility with organic resin, better self-drying property may be achieved at room temperature with water-based curing agent. It can be diluted with water, not containing organic solvent.

II. Technical Specifications

Item	Index	Test method
Appearance	Mike white liquid	GB1721
Viscosity(4#cup, S)	15-40	GB1723
Solid content(150°C, 2h), %	50±2	GB1725

Note: The above data are for reference only and are not guaranteed technical specifications.

III. Recommend applications:

1. Suitable for industrial heat resistant applications, such as boiler, heat source pipeline, electric heater and burning furnace etc.
2. Suitable for ovens and other heat-resistant cooking equipment.

IV. Packaging and Storage:

Generally 200KG, 50KG plastic bucket packaging; Stored sealed in a cool and dry environment at 5~36°C. Shelf life is generally 6 months from the date of production..

V. Instructions:

It is suggested to prepare water - based resin -free color paste, and then use it with resin emulsion together. When compounding with organic resins (such as water Sexual polyamide curing agent), it is necessary to screen the compatibility of the two components, especially in varnish application. Resin emulsion has better room temperature self- drying property, it can give the workpiece early protection and transport performance. But if you want to get good heat resistance and physical and mechanical properties, it is recommended to cure at 200-280°C for 15-60min, for example, 250°C for 30 minutes or 280°C for 15 minutes.