



BX-SRE-303 Silicone resin emulsion

I. Product Description

Basic Features:

This product is a non-ionic, epoxy modified methyl/phenyl resin emulsion, used in heat resistant industrial coatings. It has good high temperature resistant performance and coating layer decoration performance, varnish paint heat-resistance can reaches up to 300 C, colored paint can reaches up to 500 °C, and also has good compatibility with organic resin, can achieve better self-drying property at room temperature with water-based curing agent. It can be diluted with water.

II. Technical Specifications

Item	Index	Test method
Appearance	Mike white liquid	GB1721
Viscosity(4#cup, S)	25-40	GB1723
Solid content(150°C, 2h), %	50±2	GB1725
Expoxy value(Effective solid content)	0.06-0.16	GB/T1677-2008

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

III. Recommend applications:

It can be used in industrial heat resistant paint applications, suitable for the industry requiring salt spray resistance, such as ship steam pipeline etc.

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.