



# BX-PSR-217 High temperature silicone resin

## I. Product Description

### Basic Features:

The resin is polymerized from methyl monomer, phenyl monomer and special silane monomers by specific process. It has the characteristics of high temperature resistance and good self-drying performance. Combined with different pigments and functional materials, it can make all kinds of heat-resistant paint, which can be used in exhaust pipe, electrostatic precipitator, stove, etc. The resin can cooperate with organic resins such as alkyd, acrylic acid, polyester and epoxy to prepare various temperature resistant coatings for different purposes and improve the performance of the resin.

## II. Technical Specifications

Item	Index
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Solid content, %	70 ± 1
Viscosity(4#cup, 25°C, S)	≥600
Drying time, ≤	Surface drying 2h, drying by heating, 180°C 2h
Heat resistance(Varnish: float type aluminum powder =4:1, 500±10°C, 3h)	No peeling, no cracking, no blistering

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

## III. Packaging and Storage:

This product is packed in 200kg iron drum, stored in a cool and dry place, avoid direct sunlight, avoid acid and alkali contact. Stored and transported as dangerous goods.

## IV. Instructions:

1. The diluent used in this product should not contain water, acid, alkali, amine and other compounds, otherwise it will affect adhesion, dryness and other properties of paint film.
2. This product contains toluene and other flammable and explosive solvents. Attention should be paid to enhancing site ventilation during processing. Pay attention to fire prevention, anti-static, strictly cut off fire sources. Operators should pay attention to labor protection.
3. This product can be diluted with ketones, esters, toluene, xylene, etc.. The shelf life is half a year.