

# XIAMETER<sup>®</sup> RSN-0804 Resin

## Silicone resin in toluene

### FEATURES

- Excellent leaching properties and water resistance
- Very good gloss retention
- Paints containing XIAMETER RSN-0804 Resin can give extremely high temperature protection over short periods
- Improves heat stability and weatherability of many organic resins
- Hard, rigid resin

### COMPOSITION

- Silanol-functional resin supplied as solvent solution

### APPLICATIONS

- Aluminum coatings containing 10 to 30 percent of the resin will resist 315°C (600°F) over short periods
- Silicone-ceramic coatings based on XIAMETER<sup>®</sup> RSN-0804 Resin containing ceramic frits are serviceable up to 750°C (1380°F)

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER<sup>®</sup> sales representative prior to writing specifications on this product.

Test	Unit	Value
Color		Pale straw
Color (Gardner Scale)		1
Diluent		Toluene
Resin Solids (ASTM D 115)	percent	60
Specific Gravity at 25°C (77°F)		1.07
Viscosity at 25°C (77°F)	cp	10-30
Flash Point, tag closed cup	°C (°F)	7 (45)
Gardner Holt		A2-A3
Mineral Spirits Tolerance	percent	60
Drying Time at 200°C (392°F)	hours	1-2
Curing Time at 250°C (482°F)	hours	1

### HOW TO USE

XIAMETER RSN-0804 Resin can be thinned with most ketones, esters and chlorinated solvents, with butanol, ethyl hexanol and glycol ethers and with hydrocarbon solvents have kauributanol values greater than 50.

### PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT [WWW.XIAMETER.COM](http://WWW.XIAMETER.COM).

## **STORAGE**

Product should be stored at or below 25°C (77°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

## **SHIPPING LIMITATIONS**

DOT Classification: Flammable.

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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