

Dow Corning[®] RSN-0805 Resin

FEATURES & BENEFITS

- Stable
- High-temperature performance
- Can be used alone or blended with other silicone resins

COMPOSITION

- Silanol-functional resin supplied as solvent solution

Silanol-functional resin for maintenance paints, colored baking enamels and decorative finishes

APPLICATIONS

- *Dow Corning*[®] RSN-0805 Resin is intended for use primarily with metallic pigments in applications including maintenance paints, colored baking enamels and decorative finishes. *Dow Corning* RSN-0805 Resin can be used alone or blended with *Dow Corning*[®] RSN-0806 Resin to increase film hardness.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Property	Unit	Result
Diluent		Xylene
Resin Solids	weight percent ¹	50
Specific Gravity		1.01
Volatile Organic Content (VOC)	g/L (lb/gal)	503 (4.2)
Viscosity at 25°C (77°F)	cP	125
Flash Point, tag closed cup	°C (°F)	27 (81)
Theoretical Residual Silicon Dioxide	%	48
Phenyl/Methyl Ratio		1.1/1.0
Degree of Substitution		1.6

¹1.5 g, 3 hours at 135°C (275°F).

DESCRIPTION

Dow Corning RSN-0805 Resin is a silanol-functional resin intended for formulating high-performance decorative and protective coatings. Paint formulations based on *Dow Corning* RSN-0805 Resin are enhanced with softness and flexibility, and perform up to 650°C (1200°F).

**HANDLING PRECAUTIONS
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 AND HEALTH
HAZARD INFORMATION. THE
MATERIAL SAFETY DATA
SHEET IS AVAILABLE ON THE
DOW CORNING WEBSITE AT
DOWCORNING.COM, OR FROM
YOUR DOW CORNING SALES
APPLICATION ENGINEER, OR
DISTRIBUTOR, OR BY CALLING
DOW CORNING CUSTOMER
SERVICE.**

USABLE LIFE AND STORAGE

When stored in the original unopened container, this product has a usable life of 36 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

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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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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