

SilGrip™ SR545 Resin

Description

SR545 silicone resin is useful for modification of SILGRIP® silicone pressure sensitive adhesives. It is compatible with all SILGRIP® adhesives and can be mixed in any ratio to control tack and peel adhesion.

Typical Physical Properties

Property	Value
Silicone Solids, %	60
Density, lbs/gal	8.75
Viscosity @ 25°C (77°F), cps Brookfield RVF,#1 Spindle @ 60 rpm	11
Color	Colorless -Light Straw
Flash Point, TCC	14.4° C (58° F)
Solvent	Toluene

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

The warranty period is 6 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 25°C (77°F).

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if

necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Processing Recommendations

Silicone Blending Procedure

SR545 silicone resin is supplied as a solution suitable for blending with SILGRIP® silicone pressure sensitive adhesives. It may be thinned by the addition of aromatic or aliphatic solvents, e.g. toluene, xylene, VM&P naphtha or other solvent with a Kauri-butanol value of 40 or higher. SR545 resin has been found useful for modification of silicone pressure sensitive adhesives at concentration as low as 2% based on total silicone content. Approximately 10-15 percent increase in peel adhesion results from addition of 20% SR545 resin (dry solids basis). The exact amount of resin needed to adjust peel adhesion should be determined by the formulator.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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For literature and technical assistance, visit our website at: www.momentive.com

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