

SAG™ TP-745 Silicone Antifoam

Product Description

SAG TP-745 silicone antifoam, based on an organically-modified silicone polymer, is generally used for foam control and as a booster for demulsifiers in non-aqueous systems of low to middle polarity.

Key Features and Typical Benefits

- Excellent and cost-effective foam control in non-aqueous systems
- Quick foam knockdown, excellent ageing characteristics and unaffected performance in the presence of small quantities of water
- Effectiveness at very low dosages in many diesel additive packages

Typical Physical Properties

Appearance	Clear to slightly amber liquid
Viscosity at 25 °C, cSt	750
Density at 20 °C, g/cm ³	0.96
Flash Point Pensky-Martens closed cup ASTM D-93, °C	>100
Solubility	Higher alcohols, aromatic hydrocarbons
Actives, Wt.%	100

Typical properties are average data and are not to be used as or to develop specifications.

General Considerations for Use

SAG TP-745 silicone antifoam may be used as received or after dilution in an appropriate solvent. SAG TP-745 silicone antifoam is typically dosed at between 2 and 10 ppm depending on the propensity of the system to foam. Once dispersed in the foaming medium, avoid high shear, as it may degrade the polymer and reduce its foam control efficiency. Testing to determine the optimum dosage is recommended, with 5 ppm of SAG TP-745 silicone antifoam as received being a typical starting point.

SAG TP-745 silicone antifoam is best stored at temperatures between 0 °C and 40 °C to facilitate ease of handling, but storage at lower or higher temperatures, within reason, will not affect subsequent defoaming performances.

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

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.

Limitations

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

Customer Service Centers

For additional information, please contact our Customer Service Team

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