

## CoatOSil™ SE 620 Silicone Emulsion

### Product Description

CoatOSil SE 620 is a low-VOC, functional silicone emulsion which can be used as an additive in interior or exterior waterborne paint and sealant formulations to enhance hydrophobicity and durability. CoatOSil SE 620 silicone emulsion can be incorporated either during pigment grinding or letdown stage under moderate mixing conditions.

### Key Features and Typical Benefits

- Improves weatherability (reduced color fading and chalking)
- Increases water contact angle/water beading
- Reduces surfactant leaching
- Reduces coefficient of friction
- Improves block resistance

### Typical Physical Properties

Appearance	Milky white liquid
Solids content	~60 wt%
Viscosity cP at 25 °C	< 5000 cP
VOC (ASTM D 2369)	~10 g/L
pH at 25 °C	~9

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

### Potential Applications

- Waterborne architectural paints
- Waterborne industrial paints
- Waterborne sealants

### General Considerations for Use

Recommended loading of CoatOSil SE 620 silicone emulsion is between 1 to 5 wt% based on total formulation weight which should be optimized based on performance needs.

### 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](http://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 MyMomentive™ Order Management Site. 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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