

## CoatOSil™ MP 200

### Product Description

CoatOSil MP 200 silane is an epoxy functional silane oligomer for use as a coupling agent, adhesion promoter and crosslinker for waterborne coatings using acrylic, styrene-acrylic, vinyl-acrylic, polyurethane dispersions, epoxy dispersion and other anionic or cationic binders. This product comprises a polyfunctional structure bearing gamma-glycidoxy groups, which can allow for reduced emission of methanol upon hydrolysis of the material as compared with typical monomeric epoxy silanes.

### Key Features and Typical Benefits

- Improved abrasion and scrub resistance, particularly in highly-filled formulations using silane-reactive fillers such as talc and kaolin (calcined or hydrous)
- Improved adhesion to concrete, glass and metals (cold-rolled steel, HDG and aluminum, etc.)
- Improved chemical and corrosion resistance
- Improved hardness

### Typical Physical Properties

Epoxy (mequiv./g)	4.79
Viscosity cSt at 25°C	30-40
Specific Gravity g/ml	1.16
Active Content, %	98%
Flash Point, °C	> 107

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

### Potential Applications

- Waterborne coatings
- Solventborne
- Powercoating system

### 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 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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