

e-free™ 1100 silane

Product Description

The e-free 1100 silane is a high purity, aminoalkyl-silane solution in water that can deliver the performance of an aminoalkylsilane ester such as Silquest A-1100™ silane in a convenient pre-hydrolyzed form. Easily diluted with water, this one-to-one active content replacement for Silquest A-1100 silane contributes less than two percent by weight releasable ethanol to processing, offering very low VOC emissions¹ of Silquest A-1100 silane.

Performance Properties (Key Features/Typical Benefits)

- Minimal alcohol generation when added to aqueous solutions
- Easy handling, ready to use
- Eliminates pre-hydrolyzing
- Shelf-stability even in the presence of atmospheric moisture

Applications

- Coupling agent
- Filler treatment
- Waterborne Adhesives
- Waterborne Sealants

Typical Physical Properties

Appearance	Water-clear liquid
Color	< 100 Pt-Co
Viscosity, 25 °C	200-300 cStk
Amine (NH ₂)	7.0 to 7.4%
Specific Gravity at 25 °C	1.160 g/ml
Alcohol Content ¹ (ASTM D 2369)	< 2%

¹ Volatile Organic content (VOC) was measured utilizing ASTM D 2369

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

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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