

Silquest™ A-187 Silane

Product Description

Silquest A-187 is an epoxy functional silane which can be used as an adhesion promoter, coupling agent or cross-linker in resins or formulations for solvent-borne coatings, adhesives and sealants. Epoxy group in Silquest A-187 can react with multiple organic resins like epoxy, polyurethane, acid-function polymers, etc. and trimethoxy groups can hydrolyze to provide reactive groups for self-crosslinking or interaction with inorganic surfaces.

Key Features and Typical Benefits

- Fast hydrolysis rate and reactivity
- Excellent wet and dry adhesion to multiple substrates (glass, metal, etc.)
- Improves corrosion resistance

Typical Physical Properties

Appearance	Colorless to Pale Yellow Liquid
Active Content (wt%)	>98%
Specific Gravity at 25 °C	1.07
Viscosity (cPoise)	<10

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

Potential Applications

- Industrial coatings
- Protective coatings
- Adhesive and sealants

General Considerations for Use

Due to versatile applications potential, usage is typically determined by the customer's specific formulations and requirements. Typical starting dosage is 0.5-1 wt% based on resin solids.

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 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

NORTH AMERICA	+1 800 295 2392 Toll Free* *America, Canada
LATIN AMERICA	BRAZIL +55 11 5128 4222 Direct Number MEXICO +52 55 2169 7670 Direct Number
EUROPE, MIDDLE EAST, AFRICA & INDIA (EMEI)	EUROPE +39 0875 758888 Direct Number INDIA, MIDDLE EAST & AFRICA +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
ASIA PACIFIC (APAC)	CHINA 800 820 0202 Toll Free +86 21 3860 4928 Direct Number JAPAN Sales-JP.Silicones@momentive.com SOUTH KOREA +82 2 3495 2141 Direct Number SOUTH EAST ASIA, AUSTRALIA & NEW ZEALAND +60 3 8309 8088 Direct Number* *South East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
Visit us at www.momentive.com	

DISCLAIMER - THE MATERIALS, PRODUCTS, AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS, INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER") ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS, OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS, OR SERVICES DESCRIBED HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials, Inc. or its affiliated companies.

Momentive and the Momentive logo are registered trademarks of Momentive Performance Materials, Inc.

Silquest™ is a trademark of Momentive Performance Materials, Inc.

Copyright 2025 Momentive Performance Materials, Inc. All rights reserved.



2750 Balltown Road
Niskayuna, NY 12309
momentive.com