

Silquest™ A-Link™ 25 and Silquest A-Link 3

Description

Silquest A-Link 25 silane and Silquest A-Link 35 silane are unique isocyanate functional silanes. The isocyanate functionality exhibits the typical reactivity of an alkyl isocyanate and will react with most active hydrogen containing compounds. The silane portion of these products can then crosslink with each other or be used to adhere to a variety of substrates.

Key Features and Typical Benefits

Features and Typical Benefits of Silylated Urethanes: Isocyanate Functionality Trimethoxysilyl (Silquest A-Link 35 silane)

- Reactive with -OH, -NH₂, and -SH functional polyols and polymers, providing a moisture-cure silane crosslink mechanism
- Provides good adhesion to difficult substrates when employed as an adhesion promoter
- Offers fast hydrolysis in the presence of atmospheric moisture
- Provides superior wet adhesion to glass, metal and other inorganic substrates
- Resulting bond offers excellent thermal, chemical and UV stability

Triethoxysilyl (Silquest A-Link 25 silane)

- Provides slower hydrolysis for applications requiring greater open time or enhanced shelf stability
- Provides superior wet adhesion to glass, metal and other inorganic substrates
- Resulting bond offers excellent thermal, chemical and UV stable performance

Typical Physical Properties

	Silquest A-Link 25 silane	Silquest A-Link 35 silane
Molecular Weight	247	205
Physical Form	Transparent Clear Liquid	Transparent Clear Liquid
Active Material	> 95%	> 95%
Specific Gravity (25/25°C)	0.999	1.073
Flashpoint (PMCC ASTM D 93)	77 (171)	99 (210)

Patent Status

WO 01/12693 A1

US 5990257

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.

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