



## Technical Data Sheet

### XIAMETER™ OFS-6062 Silane

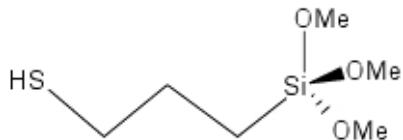
#### Mercaptopropyl functional trimethoxysilane

#### Features & Benefits

- Mercaptopropyl reactive group
- Trimethoxy functional
- Provides coupling between inorganic surfaces (such as clay, glass, etc.) and sulfur cured elastomers
- Improved physical properties of mineral filled elastomer
- Improved cure characteristics of filled elastomer
- Improved processing properties of filled elastomer:
  - easier/better filler dispersion
  - lower viscosity mixes
  - higher filler loading

#### Composition

- 3-Mercaptopropyl-trimethoxysilane
- CAS No.: 4420-74-0



#### Applications

- Coupling agent to improve the adhesion of sulfur cured elastomers to inorganic fillers, fiberglass and surfaces

#### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test	Unit	Value
Appearance		Colorless
Odor		Mercaptan odor
Specific Gravity at 25°C		1.05
Viscosity at 25°C	mm <sup>2</sup> /s (cst)	2
Flash Point, open cup	°C/°F	102/216
Purity	%	98

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XIAMETER™ OFS-6062 Silane

Description	XIAMETER™ OFS-6062 Silane is an organofunctional reactive silane. It has a mercaptopropyl and organic group.
Handling Precautions	PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.
	This alkoxysilane will hydrolyze when combined with water to form methanol.
Usable Life And Storage	Product should be stored at or below 35°C (95°F) in original, unopened containers.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health And Environmental Information	To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.  For further information, please see our website, <a href="http://www.consumer.dow.com">www.consumer.dow.com</a> or consult your local Dow representative.

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