

## Product Information

# Dynasylan® SIVO 203

## Proprietary Multifunctional Aminosilane System

### CAS NUMBER

confidential

### PRODUCT DESCRIPTION

Dynasylan® SIVO 203 is a new multifunctional aminosilane adhesion promoter that can be used for a wide variety of applications.

Dynasylan® SIVO 203 is mainly dedicated for use in adhesives & sealants to improve the adhesion of hybrid products (e.g. silylated polyurethanes, MS Polymers), RTV-silicones, two-part polyurethanes and two-part epoxies to inorganic surfaces and some difficult plastic surfaces. In addition, Dynasylan® SIVO 203 can lead to fast sealant curing and high-crosslinked products and it imparts both additional flexibility and hydrophobicity. Moreover, it is highly recommended when the yellowing of the sealant during the service life time needs to be significantly reduced.

#### Typical Properties

Property	Unit	Value
<b>Appearance</b>		light straw-colored liquid
<b>Chemical Name</b>		Proprietary Multifunctional Aminosilane System
<b>Density</b> (20 °C) DIN 51757	g/cm <sup>3</sup>	1.03
<b>Flash Point, min.</b> EN 22719	°C	66
<b>Viscosity</b> (20 °C) DIN 53015	mPa·s	5

The data represents typical values (no product specification)

### TYPICAL APPLICATIONS

Dynasylan® SIVO 203 is a versatile product that provides improved product performance and quality. Dynasylan® SIVO 203 is soluble in alcohols, aliphatic and aromatic hydrocarbons, but it can undergo reactions with ketones or

ester solvents. Dynasylan® SIVO 203 may also be used as an additive or as a primer in coatings and as a primer in adhesives and sealants applications.

When used as an additive, Dynasylan® SIVO 203 can eliminate the need for special primers in numerous bonding applications. Specific systems that demonstrate improved adhesion when Dynasylan® SIVO 203 is used include RTV silicones and hybrid silane-crosslinkable systems. Loading levels of 0,5 to 2,0 wt. % of Dynasylan® SIVO 203 as an additive - calculated on the overall formulation - are typically recommended. Dynasylan® SIVO 203 can also be utilized to treat mineral fillers. The special functionalities may result in unique functional filler properties when Dynasylan® SIVO 203 treated minerals are incorporated into polymers.

### BENEFITS & ADVANTAGES

#### Key Benefits

Dynasylan® SIVO 203 exhibits excellent wetting on substrates and it forms weather- and moisture-resistant bonds to substrates which are typically difficult to adhere. The main benefits of Dynasylan® SIVO 203 in silylated polyurethane or MS polymer adhesives and sealants are:

- Improved adhesion to Aluminum
- Improved adhesion to plastics such as PC and PET
- Improved in elongation and modulus
- Reduced yellowing and reduced staining of transparent end products

### HANDLING & PROCESSING

Before considering the use of Dynasylan® products please read its Safety Data Sheet (SDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use.

The Safety Data Sheet is available on our website <https://silanes.evonik.com/en> or upon request from your local representative, customer service or from Evonik Operations GmbH, Product Safety Department, E-MAIL [sds-hu@evonik.com](mailto:sds-hu@evonik.com).

## PACKAGING

Dynasytan® SIVO 203 is supplied in 25 kg pails, 200 kg drums and 1.000 kg IBC's.

## SHELF LIFE

In originally sealed containers Dynasytan® SIVO 203 has a shelf life of 9 months from delivery.

### Registration Listings

Registry	Status
Australia (AIC)	Yes
Canada (DSL)	No
China (IECSC)	Yes
European Union (EINECS/ELINCS)	Yes
Japan (ENCS)	No
South Korea (KECL)	No
Philippines (PICCS)	No
United States of America (TSCA)	Yes

#### Disclaimer

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