

Product Information

Dynasylan® SIVO 202

Proprietary Multifunctional Aminosilane System

CAS NUMBER

confidential

PRODUCT DESCRIPTION

Dynasylan® SIVO 202 is a new multifunctional aminosilane adhesion promoter that can be used for a wide variety of applications.

Dynasylan® SIVO 202 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, e.g. rigid PVC. In addition, Dynasylan® SIVO 202 can lead to fast sealant curing and high-crosslinked products and it imparts both additional flexibility and hydrophobicity.

Typical Properties

Property	Unit	Value
Appearance		light straw-colored liquid
Chemical Name		Proprietary Multifunctional Aminosilane System
Density (20 °C) DIN 51757	g/cm ³	1.03
Flash Point, min. EN 22719	°C	81
Viscosity (20 °C) DIN 53015	mPa·s	4

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Dynasylan® SIVO 202 is a versatile product that provides improved product performance and quality. Dynasylan® SIVO 202 is soluble in alcohols, aliphatic and aromatic hydrocarbons, but it can undergo reactions with ketones or ester solvents. Dynasylan® SIVO 202 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 202 can eliminate the need for special primers in numerous bonding applications. Specific systems that demonstrate improved adhesion when Dynasylan® SIVO 202 is used include RTV silicones and hybrid silane-crosslinkable systems. Loading levels of 0,5 to 2,0 wt. % of Dynasylan® SIVO 202 as an additive - calculated on the overall formulation - are typically recommended. Dynasylan® SIVO 202 can also be utilized to treat mineral fillers. The special functionalities may result in unique functional filler properties when Dynasylan® SIVO 202 treated minerals are incorporated into polymers.

BENEFITS & ADVANTAGES

Key Benefits

Dynasylan® SIVO 202 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 202 in silylated polyurethane or MS polymer adhesives and sealants are:

- Improved adhesion to plastics such as PC and PVC
- Improved mechanical properties

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.

PACKAGING

Dynasylan® SIVO 202 is supplied in 25 kg pails, 200 kg drums and 1.000 kg IBC's.

SHELF LIFE

In originally sealed containers Dynasylan® SIVO 202 has a shelf life of min. 12 months from delivery.

Registration Listings

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

Disclaimer

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