

Dynasylan® SIVO 202

Proprietary Multifunctional Aminosilane System

Technical data

Properties and test methods	Value	Unit	Method
Density (20 °C)	approx. 1.03	g/cm ³	DIN 51757
Flash point	> 70	°C	DIN EN ISO 2719
Viscosity (20 °C)	approx. 4	mPa·s	DIN 53015
Physical form	light straw-coloured liquid	-	-

Registrations

Dynasylan® SIVO 202

EINECS/ELINCS (EU):	Yes
AICS (Australia):	No
DSL/NDSL (Canada):	No
PICCS (Philippines):	Yes
TSCA (USA):	Yes
IECSC (P.R. China):	Yes
ENCS (Japan):	No
ECL (South Korea):	Yes

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

Safety and handling

Before considering the use of **Dynasylan®** products please read its Material Safety Data sheet (MSDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Material Safety Data Sheet is available after registration on our website www.dynasylan.com or upon request from your local representative, customer service or from Evonik Industries AG, Product Safety Department, E-MAIL sds-im@evonik.com.

Packaging and storage

Dynasylan® SIVO 202 is supplied in 25 kg pails, 200 kg drums and 1000 kg IBC. In sealed containers **Dynasylan® SIVO 202** has a shelf life time of 12 months.

Properties and application

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.

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

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Europe/Middle-East/Africa/RoW

Evonik Industries AG

Inorganic Materials
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59 13636
FAX +49 6181 59 13737
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik (SEA) Pte. Ltd.

Inorganic Materials
3 Internatioanl Business Park
#07-18, Nordic European Centre
Singapore 609927
PHONE +65 6809 6830
FAX +65 6809 6630
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik Taiwan Ltd.

Inorganic Materials
Artist Construction Bldg.
9F, No. 133
Min Sheng East Road, Sec 3
Taipei, 105 Taiwan, R.O.C.
Taiwan
PHONE +886 227 17 1242
FAX +886 227 17 2106
dynasytan@evonik.com
www.dynasytan.com

North America

Evonik Corporation

Inorganic Materials
P.O. Box 677
299 Jefferson Road
Parsippany, NJ 07054-0677
USA
PHONE (TOLL FREE) +1 800 237 67 45
PHONE +1 973 541 8513
FAX +1 973 541 8503
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik (Shanghai) Co. Ltd.

Inorganic Materials
55, Chungdong Road
Shanghai 201108
P.R. China
PHONE +86 21 6119 1053
FAX +86 21 6119 1075
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik Japan Co. Ltd

Inorganic Materials
12th Floor Monolith Building
2-3-1, Nishi-Shinjuku-ku
Tokyo 163-0912
Japan
PHONE +81 353 23 7300
FAX +81 353 23 7399
dynasytan@evonik.com
www.dynasytan.com

Latin America

Evonik Brasil Ltda.

Inorganic Materials
Alameda Campinas, 579
01404-000 São Paulo-SP
Brazil
PHONE +55 11 3146 4123
FAX +55 11 3146 4148
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik Korea Ltd.

Inorganic Materials
94, Galsan 1-dong
Bupyeong-gu
Incheon, 403-081
Korea
PHONE +82 32 510 2433
FAX +82 32 505 2510
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific

Evonik India Pvt. Ltd.

Inorganic Materials
Krislon House
Saki Vihar Road, Anderi (E)
Mumbai - 400 072
India
PHONE +91 226 7238 800
FAX +91 226 7238 811
dynasytan@evonik.com
www.dynasytan.com