

VPS 7163

Tris[3-(trimethoxysilyl)propyl]isocyanurate

Technical data

Properties and test methods	Value	Unit	Method
can be found in the SDS			

Properties and applications

VPS 7163 is a colorless isocyanurate silane with a high concentration of trimethoxysilyl groups. Therefore it is a strong crosslinker. It can be used as an adhesion promoter on different types of substrates like metals and plastics. The molecule with the heterocyclic planar six membered ring system imparts good wetting and thermal resistance thus leading to good adhesion even at high temperatures on metal substrates.

VPS 7163 can be used in adhesives and sealants, in coatings as well as in primer formulations.

Recommended applications in adhesives and sealants, coatings and primers:

- 1K, 2K - PU
 - Acrylics
 - Silicones
 - Epoxy resins
 - Silane modified polymer systems in combination with other aminosilanes
 - Hotmelts
- The thermal stability and the low volatility of VPS 7163 makes it especially useful for hot melt adhesives, e.g., EVA, PA, polyester, PU, and polyolefins.

Safety and handling

Before considering the use of Dynasytan® 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 www.dynasytan.com or upon request from your local representative, customer service or from Evonik Operations GmbH, Product Safety Department, E-MAIL sds-hu@evonik.com.

VPS 7163 is a high quality product with a high purity. VPS 7163 does not crystallize up to -20°C under normal conditions. However, mechanical stress like shear forces can cause crystallization at temperatures up to 20°C. If small crystals of VPS 7163 are formed at the thread or lid at low temperatures (shear forces), the crystals can drop into the drum and can cause crystallization of VPS 7163 up to a temperature of 20°C. The crystals can be melted at 25°C, but we recommend to heat VPS 7163 to 40°C to avoid recrystallization of the product.

Packaging, storage and shelf life

VPS 7163 is supplied in 25 kg, 200 kg and 1.000 kg containers.

VPS 7163 has a shelf life of min. 12 months from delivery if stored in originally sealed containers.

Registrations

VPS 7163

EINECS/ELINCS (EU):	Yes
AICS (Australia):	Yes
DSL/NDSL (Canada):	Yes
PICCS (Philippines):	Yes
TSCA (USA):	Yes
IECSC (P.R. China):	Yes
ENCS (Japan):	on request
ECL (South Korea):	Yes

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**Evonik Operations GmbH**

Silanes Business Line
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
FAX +49 6181 59 713915
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik (SEA) Pte. Ltd.**

Silanes Business Line
3 Internatioanl Business Park
#07-18, Nordic European
Centre
Singapore 609927
PHONE +65 6809 6906
FAX +65 6809 6699
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik Japan Co. Ltd**

Silanes Business Line
12th Floor Monolith Building
2-3-1, Nishi-Shinjuku-ku
Tokyo 163-0912
Japan
PHONE +81 353 23 7446
FAX +81 353 23 7397
dynasytan@evonik.com
www.dynasytan.com

North America**Evonik Corporation**

Silanes Business Line
299 Jefferson Road
Parsippany, NJ 07054
USA
PHONE (TOLL FREE) +1 800 237 67
45
PHONE +1 973 929 8513
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik Specialty
Chemicals (Shanghai) Co. Ltd.**

Silanes Business Line
55, Chungdong Road
Xinzhuang Industry Park
Shanghai 201108
P.R. China
PHONE +86 21 61191-399
FAX +86 21 61191-648
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik India Pvt. Ltd.**

Silanes Business Line
Krislon House
Saki Vihar Road, Anderi (E)
Mumbai - 400 072
India
PHONE +91 226 7238 809
FAX +91 226 7238 811
dynasytan@evonik.com
www.dynasytan.com

North America**Silbond Corporation**

9901 Sand Creek Highway
Weston, MI 49289
USA
PHONE +1 732 981 5004
FAX +1 732 981 5275
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik Korea Ltd.**

Silanes Business Line
3F (Nongshim Sungmookwan
B/D)
112 Yeouidaebang-Ro
Dongjak-Gu
Seoul, 07057
Korea
PHONE +82 2320 4773
FAX +82 2783 2520
dynasytan@evonik.com
www.dynasytan.com

Region Central and South America**Evonik Brasil Ltda.**

Silanes Business Line
Rua Arquiteto Olavo Redig de Campos,
105
Torre A - 04711-904 São Paulo- SP
Brazil
PHONE +55 11 3146 9627
dynasytan@evonik.com
www.dynasytan.com

Asia / Pacific**Evonik Taiwan Ltd.**

Silanes Business Line
Artist Construction Bldg.
9F, No. 133
Min Sheng East Road, Sec 3
Taipei, 105 Taiwan, R.O.C.
Taiwan 10596
PHONE +886 227 17 1242 #247
FAX +886 227 17 2106
dynasytan@evonik.com
www.dynasytan.com