

Product Information

VPS SIVO 240

VPS SIVO 240 is a ready-for-use silane composition which is made especially for corrosion protection coatings.

CAS NUMBER

confidential

PRODUCT DESCRIPTION

VPS SIVO 240 is a ready-for-use silane composition which is made especially for corrosion protection coatings.

VPS SIVO 240 helps to control rheological properties and to reduced viscosity in high-filled polymer systems and improves at the same time the corrosion protection of the coatings.

As a post-additive, VPS SIVO 240 reduces the viscosity of highly-filled corrosion protection coatings, esp. based on epoxy resins. As a result, it can help to reduce the use of solvents and reduce the VOC content of paints.

Typical Properties

Property	Unit	Value
Boiling Point, min.	°C	272
Density (20 °C) DIN 51757	g/cm ³	-1.07
Flash Point, min. EN 22719	°C	105
Viscosity (20 °C) DIN 53015	mPa·s	-9

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

VPS SIVO 240 should be used as a co-additive in combination with dispersing agents. Due to its ability to reduce the viscosity of paints, the addition of additional solvents, which are often high boilers, can often be dispensed with or at least the addition quantity can be reduced. As a result, the VOC content of these paints can be reduced and thus a contribution to environmental protection can be made. Additional to that, the negative impact of the high boiling

solvents on the performance of the coatings can be reduced. The special character of this silane composition helps to improve additional to the viscosity reduction of the corrosion protection. The typical quantity of VPS SIVO 240 is 0.5-3%. VPS SIVO 240 is added as a post-additive at the end of the formulation.

BENEFITS & ADVANTAGES

VPS SIVO 240 can be added as a post-additive in, but not only, corrosion protection coatings. In highly-filled coatings it can help to reduce the viscosity. It can reduce the viscosity of filled coatings beyond the level of a conventional dispersin additive.

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

VPS SIVO 240 is supplied in pails with a capacity of 25 kg and drums with 200 kg.

STORAGE

The containers must remain tightly sealed during storage and kept in a well aired place. Protection against humidity is essential.

Protect from frost (avoid temperatures below 0°C). The product becomes a solid when stored cold (e.g. at -10°C) but can be recovered without deterioration after melting.

SHELF LIFE

In the unopened container VPS SIVO 240 has a shelf life of min. 12 months from delivery.

Registration Listings

Registry	Status
Australia (AIC)	Information on Request
Canada (DSL)	Information on Request
Switzerland (ChemO)	Yes
China (IECSC)	Yes
EU (REACH)	Yes

Registration Listings

Registry	Status
European Union (EINECS/ELINCS)	Yes
Japan (ENCS)	Information on Request
Taiwan (TCSI)	Information on Request
United States of America (TSCA)	Information on Request

Disclaimer

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