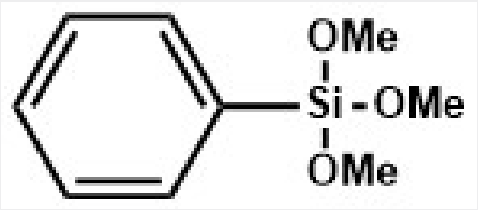
GENIOSIL® PTM

Organofunctional Silanes



Phenyltrimethoxysilane

GENIOSIL® PTM is a clear, colorless liquid.

CAS No. 2996-92-1 | Empirical formula $C_9H_{14}O_3Si$ | Molecular weight 198,29

Properties

GENIOSIL® PTM is an alkoxyarylsilane. In the presence of moisture silanols are formed by hydrolysis (methanol is released), which can then react to form siloxanes.

Applications

- Adhesives
- Building & Construction Adhesives
- Do It Yourself
- Flooring Installation
- Sealants
- Waterproof Masonry Coatings

Application details

In silane-crosslinking formulations, (e.g. silane-terminated polyethers , polyurethanes or polysiloxanes), GENIOSIL® PTM is mixed into the formulation as an additive to prevent premature crosslinking due to trace moisture. Processing is effected by means of standard mixing methods (e.g. paddle agitator, dissolver, kneader). GENIOSIL® PTM may be added before or during incorporation of the reactive polymer. The amount added will depend on the water content and pretreatment of the components, up to 2,5 wt.% are typically used. GENIOSIL® PTM as water scavenger during the production of silane-crosslinking adhesive and sealant formulations is particularly characterized by its high flash point and by being virtually odorless.

Packaging and storage

Packaging

Information on available container sizes is obtainable from WACKER subsidiaries.

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code GENIOSIL® PTM

For technical, quality or product safety questions, please contact:

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