

Product Information

TEGOPAC® RD 2

Silane-modified reactive diluent

PRODUCT DESCRIPTION

TEGOPAC® Reactive Diluents (RD) are silane-modified polymers which can be used to reduce viscosities of adhesives & sealant formulations.

They can also be used for formulations to avoid migration effects. A replacement against migrating plasticizers is possible.

TEGOPAC® RD 2 can be blended with different types of silane-modified polymers and epoxy polymers. Formulating with various plasticizers, fillers, and other additives is possible to address applications like parquet adhesives, roof sealing applications or pressure sensitive adhesives.

Typical Properties

Property	Unit	Value
Appearance		colorless, clear liquid
Density at 25°C	g/cm ³	1.00
Viscosity at 23°C	Pa·s	1.5

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

TEGOPAC® RD2 is a silane-modified polymer which can be used to reduce viscosities of adhesives & sealant formulations. It can also be used for formulations to avoid migration effects. A replacement against migrating plasticizers is possible.

BENEFITS & ADVANTAGES

- Reduces viscosity of polymers & adhesive formulations
- Through the partial or total replacement of a plasticizer, TEGOPAC® RD can avoid any migration effects by

becoming chemically anchored within the polymer network after the cure

- Helps to improve curethrough properties: by the lateral crosslinking groups of the polymer the curethrough properties are influenced positively
- Can be combined with different silane-modified polymers or epoxy polymers
- Can be used for the production of methanol-free formulations

HANDLING & PROCESSING

TEGOPAC® RD need to be combined with a copolymer to reach good mechanical properties.

PACKAGING

50 kg

950 kg

STORAGE

Containers should be stored at ambient temperature (5-25°C) in a dry place.

SHELF LIFE

6 months in closed original containers.

The shelf life period can be subject to prolongations based on reapprovals in accordance with the established Evonik ISO 9001 quality management process.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

Disclaimer

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