

## Product Information

## TEGOPAC® RD 1

## 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 1 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 <sup>3</sup>	1.00
Viscosity at 23°C	Pa·s	1

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGOPAC® RD1 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 &amp; ADVANTAGES

- TEGOPAC® RD 1 reduce viscosity of polymers & adhesive formulations
- Through the partial or total replacement of a plasticizer, TEGOPAC® RD 1 can avoid any migration effects by

becoming chemically anchored within the polymer network after the cure

- TEGOPAC® RD 1 help to improve curethrough properties: by the lateral crosslinking groups of the polymer the curethrough properties are influenced positively
- TEGOPAC® RD 1 can be combined with different silane-modified polymers or epoxy polymers
- TEGOPAC® RD 1 can be used for the production of methanol-free formulations

## HANDLING &amp; PROCESSING

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

## PACKAGING

200 kg drum, 950 kg IBC

## 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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