

Technical information

## TEGOPAC® Reactive Diluents

For viscosity reduction & non-staining adhesive & sealant formulations

### Technical parameters\*

	TEGOPAC® RD 1	TEGOPAC® RD 2
Appearance	colorless, clear liquid	colorless, clear liquid
Viscosity (23 °C)	ca. 1 Pa.s	ca. 1.5 Pa.s
Density (25 °C)	1.00 g/cm <sup>3</sup>	1.00 g/c m <sup>3</sup>
Plasticizer	none	none
Solvent	none	none
Classification	lateral cross-linking groups low cross-linking density	lateral cross-linking groups high cross-linking density
	ethanol releasing SMP	ethanol releasing SMP

\*no specification data

### Application

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 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.



## Benefits

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

## Processing

TEGOPAC® RD need to be combined with a co-polymer to reach good mechanical properties.

## Packaging

Sample size: 2 kg aluminum bottles  
Commercial packaging: IBC

## Shelf life

9 months in closed original containers

## Storage

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

## Hazardous goods classification

Information concerning

- classification and labeling 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.

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### Trademark notice and legal notice

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