

Description:

epple 22 is an one-component, solvent-containing sealing compound on the basis of copolymers.

It is particularly suitable where great demands on film resistance and adhesion are given. Thanks to its low viscosity even difficult waterproofing are possible, as **epple 22** easily penetrates also into narrow crevices. After evaporation of the solvents, **epple 22** forms a tough-elastic film in the sealing joint with high ageing resistance.

Field of application:

Sealing of surfaces.

The sealing compound **epple 22** is mainly used for the sealing of flanges at gears, for transformers, pumps of most different types, as well as for compressors and turbines.

Specific properties:

epple 22 is silicone-free and does not contain any halogen compounds. Further on, no mineral fillers are used, so that no abrasive effect during conveyance of the material is to be expected.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- It is possible that phase separation may occur. This is not a loss of quality. Homogenize the sealant by stirring before use (bring the product to room temperature beforehand if necessary).
- The skin formation time at ambient is 15 -30 minutes.

Cleaning of tools:

Thinner 11

Packaging unit:

Tube, metal-tin, brush-in-cap tin

Basis / characteristics

Components		Solvent-			Chemical Basis					
1C	2C	free	containing	aqueous	EP	PU	Acrylate	Chloro- prene	Polyvinyl- acetate	Copolymer

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Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	12 – 18 Pas	DIN EN ISO 3219
Density	0.9 – 1.0 g/cm ³ / 20 °C	DIN 53479
Colour	red-transparent	
Solid content	38 – 40 %	
Storage	24 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C.	

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Properties of the cured sealing compound

Property	Value	In accordance with standard
Curing Ventilation time Skin formation time Curing / track 4-6 mm	none 15 – 30 min 8 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / no contact pressure required, just fixing	
Hardness (after 7 days at 20 °C) Shore-A Shore-D	- -	DIN 53505 DIN 53505
Adhesive strength in tensile shear test (after 7 days at 20 °C) Steel / Steel (blasted SA 2,5)	0.2 – 0.5 N/mm ²	DIN EN 1465
Surface cleavability (after curing)	none	
Temperature resistance (after 7 days at 20 °C)	-25 °C to +250 °C	
Chemical resistance (after 7 days; max. 3 months)	ammonia vapours butyl alcohol glycol glycerine fuel oil mineral oils water	epple-standard

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