

Description:

epple 41 is an one-component, solvent-containing sealing compound on the basis of acrylate. It forms a tough and elastic film in the sealing joint and provides very good adhesion to metals and various plastics.

Field of application:

Sealing of seams and joints.

epple 41 is suitable for the waterproofing of surfaces and threads. It bridges most different expansions.

Specific properties:

epple 41 is silicon-free.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- The skin formation time at ambient is of 15 minutes.

Cleaning of tools:

Thinner epple 11.

Packaging unit:

Cartridge.

Basis / characteristics

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

E. EPPLE & CO. GMBH

Dichtstoffe // Klebstoffe // Gießharze // Lohnfertigungen
Sealants // Adhesives // Cast Resins // Job order manufacturing
Hertzstraße 8
D - 71083 Herrenberg - Germany

Tel. +49 (0)7032/9771-0

Fax +49 (0)7032/9771-50

E-Mail info@epple-chemie.de

Web www.epple-chemie.de

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	280 - 480 Pas	DIN EN ISO 3219
Density	1.3 – 1.4 g/cm ³ / 20 °C	DIN 53479
Colour	grey	
Solid content	75 - 85 %	
Storage	12 months in closed original containers, stored in a dry and cool but frost-free place (ideal storage temperature: 5 - 30 °C).	

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

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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 min 12 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / no contact pressure required, just fixing	
Hardness (after 7 days) Shore-A Shore-D	- -	DIN 53505 DIN 53505
Adhesive strength in the tensile shear test (after 7 days at ambient) Steel / steel (blasted SA 2,5)	0.2 – 0.5 N/mm ²	DIN EN 1465
Surface cleavability (after 7 days)	none	
Temperature resistance	-20 °C to +180 °C (slow heating recommended)	
Absorption of water 20 °C / 7 days	-	ISO 62
Chemical resistance (after 7 days; max. 3 months)	water detergent leach ammonia vapours caustic soda 5 % saline solutions glycol, glycerine spirits of turpentine fuel oil, mineral oil up to 120 °C	epple-standard

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