

MSP 17
Sprayable One Component
Sealing/Bonding MSP

Tecnite[®]
innovative solutions

Application Possibilities

Based upon silyl modified polymer one component Tecnite MSP 17 was developed as a MS Polymer solution for sprayable sealant and bonding applications like:

- Sealing of welded, overlap and construction seams
- Vibration reducing coating; reduces sound transference
- Corrosion reducing coating; prevents contact between dissimilar metals
- Auto industry seam sealant repair

Features

- Isocyanate, solvent and silicone free
- Odourless neutral fast cure
- Excellent adherence to metals, primers and coatings
- Permanent elasticity for temperatures between -40 to +100C
- Direct wet on wet sprayability with a coating

Typical Product Data - Tecnite MSP 17

	Unit	Value
Base Material		SMP
Curing Method		Absorption of moisture from the air
Specific Gravity	g/ml	ca. 1.4
Shelf Life (5-25°C) (*)	Months	12

(*) Please refer to production data on the original container.

Process Data

	Norm	Value
Skin Forming Time	20°C/50% R.H.	30 minutes
Curing Speeds	after 24 hours	ca. 2 mm
Application Temperature		+5 to +35°C
Volume Change / Shrinkage	DIN 52451	< 4%

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Cured System Data - Tecnite MSP 17

	Norm	Unit	Value
Shore A Hardness	DIN 53505	Shore A	ca. 45
Tensile Stress	DIN 53504/ISO 37	M Pa	1.1
Tensile Stress at Break	DIN 53504/ISO 37	M Pa	1.5
Elongation at Break	DIN 53504/ISO 37		175%
Temperature Range in Service		°C	-40 to +100
Standard Color(1)			Gray

(1) The color black may also be available given minimum qty levels are met

Adhesion Capabilities

Tecnite MSP 17 adheres well without primer on non-porous substrates of glass, aluminium, galvanized and stainless steel, numerous lacquered metal surfaces, various plastics, ceramics, painted and lacquered wood, etc., which are clean, dry, dust and grease free. The use of a "wash" primer for degreasing a substrate's surface is recommended when high adhesion levels are needed due to great thermal or physical loads and specifically when wet conditions are the norm. It is advisable to use primers on untreated wood surfaces as well as porous surfaces of brick, cement etc. No adhesion on untreated polyethylene, polypropylene and Teflon.

For more details concerning our range of primer's capabilities on substrates not mentioned here please consult your local technical sales support team as testing may be advisable.

Method of Use

At application temperatures between +5C and +35C Tecnite MSP 17 can be applied with an air pressure gun with adjustable nozzle at a distance of from a 30 to 40 cm distance to the object. As it is possible to achieve a relatively smooth or rougher surface it is recommended to test for the proper nozzle/air pressure combination in order to ensure the results your application requires. For those applications where a primer is necessary please allow at least 30 minutes for the primer to dry before applying MSP 17.

Shelf Life Information

Tecnite MSP 17 may be stored for 12 months in its original unopened container. Product needs to be stored in a dry cool area in temperatures ranging from +5 to +25C.

Package Types Available

- | | | | |
|--------------|--------|---------|-----------|
| - Cartridges | 290 ml | - Pails | 20 liter |
| - Sausages | n.a. | - Drums | 200 liter |

Health and Safety

The user is cautioned to avoid skin and eyes contact with the products. If eye contact occurs, immediately flush eyes with large amounts of water for at least 15 minutes and secure medical attention. If skin contact occurs, wash affected area thoroughly with soap and water.

For additional information on product's hazards and recommended precautions please refer to the relative product material safety data sheet.

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee as usage, working area and application of the product in accordance with the instructions given and their success in application, is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered only as a general guideline. If at all in doubt, preliminary tests should be carried out.

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