

Product Information:

MS Sealant & Adhesive 526

All-round neutral sealant and adhesive with high strength

General description and application:

MS Sealant & Adhesive 526 is a neutral curing 1-component hybrid sealant and adhesive.

MS Sealant & Adhesive 526 cures by reaction with moisture to an elastic joint that can absorb movements up to +/- 20 %.

MS Sealant & Adhesive 526 is paintable and has an excellent resistance to climatic influence.

MS Sealant & Adhesive 526 is used for assembling in the bodywork-, ship- and container industries, where hard and resistant bonding / sealing are required. It has very good adhesion to aluminium and PVC.

MS Sealant & Adhesive 526 meets the regulation of EC No 1935/2004 regarding materials and articles for indirect contact with foodstuff.

MS sealant & Adhesive 526 meets the requirements of Eimcode Class EC 1^{PLUS}.



Member of **FSO** Danish Association of Sealant Applicators & Manufacturers

Physical / chemical properties:

Uncured sealant:

Type: MS-hybrid polymer, 1-component
 Contains fungicide: No
 Consistency: Paste, tixotropic
 Specific gravity: approx. 1,5 kg/litre
 Shelf life: 1 year in unopened packing, if stored cool and dry.
 Packaging:

Item no.	Colour	Size
53572	White	290 mL cartridge
53573	Grey	290 mL cartridge
53575	Black	290 mL cartridge

Cured sealant:

Paintable: Yes
 Shrinkage: 3-4% (ISO 10563)
 Hardness: 55-60 Shore A
 100 % modulus: approx. 1,1 N/mm² (ISO 8339)
 Elasticity at break: approx. 400 % (ISO 8339)
 Maximum movement acc: +/- 20 %
 Resistance: Temperature: approx. -40 °C to +90 °C
 Climatic ageing (UV): good
 Good resistance to water, seawater, aliphatic solvents, oil, grease, diluted organic acids and bases. Not resistant to concentrated acids and chlorinated organic solvents.



Directions for use:

- Joint dimensions:** *Joints in which MS Sealant & Adhesive 526 is used should be dimensioned so that the movement of the free sealant is below +/- 20 %. Use joint backer rod in the right dimension, which is placed according to the wanted depth of the joint. The depth of the joint is usually half of the width, although small joints should be square.*
- Preparation:** *All surfaces must be clean, dry, free of grease, dust and loose particles. MS Sealant & Adhesive 526 can be used without primer on surfaces like glass, aluminium, most painted surfaces and PVC. For optimum bonding we recommend the use of Primer 960 on non-absorbent surfaces as e.g., stainless steel and acrylics or Primer 963 on porous surfaces as bricks, concrete, wood etc.*
- In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing – particular in larger applications.*
- We recommend the use of covering tape, which should be removed immediately after application of the sealant.*
- Application conditions:** *Can be applied at temperatures from +5 °C to +40 °C and a relative air humidity at minimum 30 %.*
- Application:** *The tip of the cartridge is cut off with a keen knife after which the tip is cut with an inclined cut, which is a little smaller than the width of the joint. The sealant is applied by means of a hand- or pneumatic gun.*
- Curing:** *Skin forming within approx. 7 minutes.
2 - 3 mm/24 hours at 23 °C and 50 % RH.
The curing time is slowed down at lower temperatures and lower relative humidity.*
- Treatment:** *After curing MS Sealant & Adhesive 526 can be painted with most types of paint. Because of the many different products in the market, we recommend tests to be carried out. Especially when using slow curing alkyd paints or varnishes.
For optimum bonding we recommend that the cured joint is cleaned with ethanol prior to painting, especially if it takes a period before painting will begin. After curing, the sealant can be sanded.*
- Cleaning:** *Uncured sealant can be removed with wipes.
Cured sealant can only be removed mechanically.
Hands should be washed with water and soap.*

Health and Safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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