

:: UNIFLEX MS

sprayable seam sealer

CHARACTERISTICS

Permanently elastic, sprayable, single-component seam sealer. Uniflex MS is a polyoxypropylene-mixed-polymer-based product that cures on exposure to atmospheric moisture. Uniflex MS adheres well to glass, many metals (zinc, aluminum, steel), paint and primer, wood, thermosets and thermoplastics (except PE, PP, and PTFE). This product is highly resistant to moisture, weathering, and extreme temperatures.

APPLICATION

For use in vehicle/body repair, container construction, HVAC technology, metal construction, etc.

PRODUCT DATA

Cure mechanism: Moisture curing

Specific weight: 1,4 g/cm³

Colour: Black

Time for skin formation (DIN 50014): 20 min.

Curing speed (DIN 50014): Approx. 3mm/24 hrs.

Hardness Shore A (DIN 53505): Approx. 47

Tensile strength (DIN 53504): 2.1 N/mm²

Elongation at break (DIN 53504): ≥ 250%

Tear resistance: DIN 53515 - 5,0 N/mm / 7,7 ASTM D 624 Form B

Application temperature: +5°C to +30°C

Temperature resistance: -40°C / +80°C with peaks at +/- 120°C

Uniflex PU can be stored for 15 months in its original packing at 5° - 25°C in a cool dry place. The storage temperature should not exceed

25°C for extended periods of time. Keep away from heat sources.

HANDLING

The substrate must be clean, dry, and free of dust, grease and oil. Adhesion to and compability with plastics and paint must be individually tested.

Use the MS Pneumatic Spray Gun to apply the product to structural and profile seams as well as surface coatings. Uniflex MS is suitable for being sprayed over with most paints immediately after application (up to 2 hours, as experience shows). If the paint is applied later, adhesion problems may occur in case of some paint systems. Varnishing prolongs the curing time.

PRECAUTIONS

Do not bring Uniflex MS into contact with new polyurethane material that has not hardened completely. The gun must contain a cartridge all the time. Never store the gun without cartridge since the material in the gun dries out. Clean tools immediately after use. After the material has set, it can only be removed mechanically.

SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery



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Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

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