

Product group

Urethane sealant + adhesive.

Product description

Seam Grip+WP urethane seam sealant creates a permanent, waterproof seal on hundreds of fabrics and materials. The unique patented formula easily penetrates stitching and seals gaps, leaving a thin, clear film that prevents water migration. The resulting seal is extraordinarily flexible, elastic and resistant to temperature extremes. Seam Grip+WP stretches over 100% with no loss of strength or adhesion. Seam Grip+WP is also a powerful adhesive, bonding materials and repairing tears and holes. Repairs made with a single application of Seam Grip+WP generally last the life of the item. Seam Grip+WP bonds to nearly all types of fabric and many materials including nylon, polyester, cotton, rayon, vinyl, PVC, rubber, Hypalon™, neoprene, wood, brick, concrete, foams, porous plastics and many other materials. Seam Grip+WP is ideal for thousands of sealing, repair and adhesion applications and is especially well suited to harsh environments. Once cured, Seam Grip+WP is not harmed by fuels, most solvents, or DEET. Withstands extreme temperatures (-40° to 110°C (short term 180°C) and is physically stable to UV-light (even it starts yellowing after a while).

Characteristics and uses

Concentrated urethane rubber formula. Minimal shrinkage. Requires only one application. Thermoset rubber, unaffected by solvents or extremes of heat or cold (-30°C to +110°C).

Refer to Safety Data Sheet for more detailed information.

Accelerator

Cure Accelerator+X.

Surface condition

Clean and dry surface, using isopropyl alcohol. Non-fabric surfaces such as latex should first be keyed with sandpaper, and then cleaned.

Instructions for use

Apply using a brush, spreader or adhesive gun.

— Application

- For seams apply a 2mm thick bead, overlapping seam edges by at least 5mm. Apply with slight pressure to saturate fabric surfaces.
- For holes and tears, create a backing with removable tape and fill void, overlapping void edges by 5mm. Remove tape after full cure.
- For patch application on fabrics and breathable laminate, apply Seam Grip+WP, then apply a patch over damaged area. Wipe away excess adhesive.
- For high wear areas apply thin layer of Seam Grip+WP to damaged area.
- Use caution when folding items (such as tents) after sealing as fully cured Seam Grip+WP will cling to itself. This surface tack is a temporary condition; atmospheric dust will eliminate it over time. If desired, surface tack can be removed before folding by dusting with unscented talc such as Gear Aid Talcum Powder.

**Instructions for when using
Cure Accelerator+X**

- Mixing ratio (by volume) 1 part Cure Accelerator+X with 4-5 parts Seam Grip+WP.
- Mix thoroughly on a non-absorbent surface.
 - Immediately apply the mixture.

Application Recommendations

- Conditions T Temperature 5 - 35°C.
Relative humidity There is no recommendation on humidity other than that you need some.
Higher temperatures will give faster cure times than higher humidity.
- Equipment Firm brush. Plastic spreader or caulking gun, manual or pneumatic.
- Number of coats Apply in one even coat. If necessary multiple coats can be applied.
- Cleaning of equipment Isopropyl alcohol.

Drying Times

10 - 14hrs. (Dependent on temperature and humidity.)
2 - 4 hrs with Cure Accelerator+X. (Dependent on temperature and humidity.)

Physical & Chemical properties

PHYSICAL FORM	VISCOSITY Brookfield 23°C (mPas)	RELATIVE DENSITY	ODOUR	WATER SOLUBILITY	CHEMICAL STABILITY	FLASH POINT (°C)
Liquid, viscous, colourless	8 000 - 24 000	0.96	Characteristic of solvents	Insoluble	Stable under normal conditions	25

Refer to Safety Data Sheet for more detailed information.

Storage

Store original packed tubes in a cool dry place. Storage for opened tubes: Advance contents to tube neck. Wipe clean and cap. Keep in a cool dry place or, for extended life, in freezer. For thawing or for easier flowing contents, soak tube in warm water for 15 minutes.

Packing & Size

28g tube in clamshell or loose. 2x7g tubes in clamshell or loose.
250ml OEM tubes. 310ml cartridge for calking gun.

Safety precautions

Wear protective clothing and gloves at all times. Use only in well ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment.

Supplementary information

Please note: The European Commission has amended Annex XVII of the REACH Regulation (EC) (new No. 74) with Regulation (EU) 2020/1149, which regulates the restriction of substances/mixtures containing > 0.1 % diisocyanates: **As from 24 August 2023 adequate training is required before industrial or professional use.** More information on the status of the development of the training concept can be found at ISOPA/ALIPA. (<https://www.safeusediisocyanates.eu/diisocyanates-reach>)

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Contains isocyanates. See information supplied by the manufacturer.

Hazardous Ingredients: Diphenylmethane-4,4'-di-isocyanate, Xylene.

Refer to Safety Data Sheet for more detailed information.

H & P statements



GHS02:
FLAME



GHS07:
EXCLAMATION MARK



GHS08:
ENVIRONMENTAL

Signal word: Danger

H226; H315; H319; H334; H335; H373. EUH 204; EUH208; P101; P102; P210; P271; P304+P340; P342+P311; P370+P378; P501.

Refer to Safety Data Sheet for more detailed information.

Warranty

The information provided is to the best of our knowledge. However, we, do not assume legal responsibility for use or reliance there on. We disclaim all warranties expressed or implied including the fitness for a particular purpose. Data may be subject to modification without previous notice. Please check validity.

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