

Product group

Urethane Adhesive

Product description

Seam Grip® 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 stretches over 100% with no loss of strength or adhesion. Seam Grip is also a powerful adhesive, bonding materials and repairing tears and holes. Repairs made with a single application of Seam Grip generally last the life of the item. Seam Grip is ideal for thousands of sealing, repair and adhesion applications and is especially well suited to harsh environments. Seam Grip is not harmed by DEET, fuels, most solvents, ultraviolet light or extremes of temperature (–30° to 80°C). Seam Grip 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.

Characteristics

Concentrated urethane rubber formula. Minimal shrinkage. Requires only one application. Thermoset rubber, unaffected by solvents or extremes of heat or cold (–30°C to +80°C).

Accelerator

Cotol 240™ plus.

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

— Application

Apply using a brush, spreader or adhesive gun.

- For seams, apply a thin film to the inside of the seam by holding tube opening flat against seam. Lightly squeeze and draw tube across threads. May also be applied with brush. Use brush to even out heavily coated areas.
- For holes and tears, create backing with removable tape and fill void, overlapping void edges by 6mm. Remove tape after full cure.
- For patch application, apply Seam Grip, then apply patch over damaged area. Wipe away excess adhesive. Item may be used immediately.
- For high wear areas apply thin layer of Seam Grip to damaged area.

Seam Grip® Data Sheet

- Use caution when folding items (such as tents) after sealing as fully cured Seam Grip 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 McNett ProTalc™.

Instructions for use when using Cotol 240™ as accelerator

- Mixing ratio (by volume) 1 part Cotol 240 plus with 4 - 5 parts Seam Grip.
 - Mix thoroughly on a non-absorbent surface.
 - Immediately apply the mixture.

Application Recommendations

- Conditions
 - Temperature 20 - 35°C. Lower temperatures will lead to prolonged curing time.
 - Relative humidity There are no recommended humidity levels but a higher humidity will help shorten the cure time.
 - Higher temperatures will give faster cure times than higher humidity
- Equipment Firm brush. Plastic spreader or McNett adhesive guns, 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 Cotol 240 plus accelerator. (Dependent on temperature and humidity).

Physical & Chemical properties

PHYSICAL FORM	ODOUR	RELATIVE DENSITY	SOLUBILITY	CHEMICAL STABILITY	FLASH POINT (°C)
Colourless	Characteristic of solvents	0.98 @ 20°C	Cured: insoluble	Stable under normal conditions	25

Refer to Safety Data Sheet for more detailed information.

Seam Grip® Data Sheet

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

250ml OEM tube.
28gr tube.
7gr tube.

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.

Refer to Safety Data Sheet for more detailed information.

R & S statements



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

Refer to Safety Data Sheet for more detailed information.

Warranty

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