# McNETT

*Essentials for Adventure*

# Silnet™ Technical Data Sheet

| **Product group** | Sealer for silicone based fabrics |
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**Product description**

Silnet™ is a self-leveling, one-component silicone sealant, which cures at room temperature under the influence of moisture. It is specially formulated for sealing seams on tents and other outdoor products such as tarps, backpacks and rain wear which are constructed or coated with silicone, such as silicone treated nylon. Silnet may also be used to repair pinhole leaks and coat areas of abrasion. Silnet seals in one application and is unaffected by extreme heat or cold. One tube seals critical seams on an average 2-person tent.

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**Characteristics**

Silnet is a ready-to-use, acid and solvent-free, non-corrosive silicone rubber suitable for many applications. Good adhesion to plastics and metals in combination with an elasticity and durability open up a wide range of potential uses for Silnet. The consistency of the uncured material allows processing by dipping, spraying, dispensing. Silnet exhibits outstanding resistance to weathering, ageing, moisture, and UV light. The vulcanized silicone rubber permanently remains elastic over a wide temperature range from -50 °C to +180 °C.

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**Surface condition**

Clean and dry surface with isopropyl alcohol.

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**Instructions for use**

**—** Application

Apply using a brush.

- Apply to inside of seam: apply thin film across taut threads and under folds.
- For patch application, roughen and clean surfaces. Apply Silnet to both surfaces. Allow to dry for15 minutes, then join (clamp or tape) surfaces together overnight.

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**Application Recommendations**

| — Conditions | Temperature | Room temperature |
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| | Relative humidity | There is no recommendation on humidity other than that you need some. |

| — Equipment | Firm brush. |
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| — Number of coats | Apply in one even coat. |
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— Cleaning of equipment    If removing of silicone rubber from machines or dispensing equipment is necessary, white spirit is recommended as a solvent. However, cleaning should take place before the rubber is fully cured.

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**Drying Times**

4 - 6hrs. (Dependent on temperature and humidity. Low temperature and humidity will prolong cure time.).
NOTE: Fully cured Silnet may cling to itself when folded. After first application, lightly dust fully cured areas with ProTalc™ talcum powder.

## Physical & Chemical properties

| PHYSICAL FORM | ODOUR | RELATIVE DENSITY | WATER SOLUBILITY | CHEMICAL STABILITY | FLASH POINT (˚C) |
|---|---|---|---|---|---|
| Colourless liquid | Slight smell from alcohol | 1,01 g/cm³ at 23 ℃, at 1013 hPa | Virtually insoluble | Stable under normal conditions | Not applicable |

*Refer to Safety Data Sheet for more detailed information.*

**Storage**

Wipe tube threads. Advance contents to tube neck and replace original cap securely. Store in cool, dry place. Clean hands with soap and water.

**Packing**

28ml tube.

**Safety precautions**

Wear protective clothing and gloves at all times. Use only in well ventilated areas. In case of long or strong exposure, wear suitable respiratory equipment.

*Refer to Safety Data Sheet for more detailed information.*

**Supplementary information.**

Silnet™ releases during cure about 3 % methyl alcohol. These vapours should not be inhaled for long periods or in high concentrations. Hence good ventilation of the work place is necessary.

**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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**2/2**