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Rapidstick 8567 Thread Sealant

PART NUMBER	AVAILABLE SIZE
8567-10	10ml Tube Stick
8567-50	50ml Tube
8567-250	250ml Tube

PRODUCT DESCRIPTION

Chemtools® Rapidstick 8567 contains PTFE for advanced lubrication, and is ideal for coarse metal threads, pipes, and fittings. It provides an instant low pressure lock and seal to ensure no leakage occurs prior to cure.

8567 prevents corrosion and will not creep, shrink, gall, migrate, or block systems. It is ideal for all metal types, such as stainless steel, aluminium, and galvanised metals.

8567 is widely used for industrial plant fluid power systems, and is recommended for other industrial applications in the chemical processing, petroleum refinement, pulp/paper, waste treatment, textile, utilities/power generation, marine, automotive, gas compression, and distribution industries.

DIRECTIONS (READ LABEL BEFORE USE)

All surfaces must be clean, dry, and free of dust and grease. It is recommended to prime inactive metals first with *Chemtools® Rapidstick 8-3471 Anaerobic Adhesives Primer*.

Apply a single bead of sealant to the leading threads of the male fitting, leaving the first thread free.

Ensure all threads and voids are filled. Add further sealant if necessary.

Apply another bead of sealant to the female threads.

Assemble and tighten as required.

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TECHNICAL DATA

LIQUID PROPERTIES:

Composition	Methacrylate Ester
Appearance	White
Thread Filling	Up to 76mm (3")
Viscosity @ 25°C, Brookfield RVT, Spindle 3, 20 rpm	540,000 cps (paste)
Specific Gravity	1.14
Flash Point	> 100°C
Solvent Content	None

CURED ADHESIVE PROPERTIES:

Service Temperature Range	-54°C to +204°C
Handling Cure Time	10 – 30 minutes
Functional Cure Time	2 – 4 hours
Full Cure Time	24 hours

MECHANICAL PROPERTIES:

Coefficient of Thermal Expansion, ASTM D696, K^{-1}	80 x 10^{-6}
Coefficient of Thermal Conductivity, ASTM C177, $W.m^{-1}.K^{-1}$	0.1
Specific Heat, kJ/Kg.K	0.3
Compressive Shear Strength, ISO 10123, Steel Pins and Collars	> 1 N/mm^2 / > 147 psi
Seals Operating Pressures to 10,000 psi	Pass

Torque, ISO 10964 (M10 Steel Nuts and Bolts)

Breakaway Torque	1.7 N.m. / 15 lb.in.
Prevail Torque	1 N.m. / 9 lb.in.

CHEMICAL RESISTANCE PROPERTIES:

		% Initial Strength Retained	
Chemical	**Temperature**	**500 hours**	**1,000 hours**
Acetone	22°C	70	60
Ethanol	22°C	90	90
Motor Oil	125°C	100	100
Petrol	22°C	80	80
Brake Fluid	22°C	100	95
Water/Glycol	87°C	75	75

FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

STORAGE

Keep out of reach of children. Store in a sealed container in a cool, dry place (between 8°C - 27°C). Do not return any unused material to its original container.

Containers must be secured and stored upright during transit.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.

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