

1. Product Description

Product description	: Anaerobic adhesive and sealants are advanced materials with single component and solvent free feature. The products are specifically formulated for sealing, retaining, locking and bonding of metal or metal plated assemblies. Anaerobic adhesives are stable when in contact with oxygen in air. As the product is placed between two mating metallic surfaces, where oxygen contact is vanished, polymerization starts and forms strong, vibration and pressure proof polymer layer.
Product form	: Mixture
Trade name	: PIPE SEALANT MEDIUM STRENGTH
Use of the substance/mixture	: Anaerobic adhesive
Recommended use	: Industrial use Consumer use Professional uses

2. Characteristics

Characteristics	: Pipe Sealant is a high viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly. It can be easily applied to threaded joints and removed easily with hand tools. With its specialized formulation, Pipe Sealant can be used applications where high pressure proof or oil resistance is required. The product resists very high pressures, after full curing. Especially suitable for H-thick metal threaded joints according. The product fills high distance gaps and gives perfect results on wide-diameter (wider than 0.5mm) applications.
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3. Application

No information available

4. Application Instructions

- The application surface should be dry and cleaned from dirt, dust and oil.
- Apply product 360° between 1st and 3rd metal threads of male and female pipes and fittings. Assemble parts.
- Excess product outside the parts will not dry and will be easily cleaned by a cloth.
- For easy disassembly, heat pieces and use hand tools.
- For further information, consult Safety Data Sheet and Technical Data Sheet.

5. Technical Specifications (@ 23 °C 50% RH)

Physical state	: Liquid
Chemical Basis	: Methacrylate ester.
Appearance	: Paste.
Colour	: Yellow
Odour	: characteristic
Strength	: Medium
Viscosity	: 50000 – 60000 cPs
Flash point	: > 93 °C
Specific Gravity	: 1.02
Thermal Conductivity	: 0.15 W/m.K
Gap filling	: Up to 0.5mm
Corrosivity	: Non-corrosive
Specific heat	: 2.8 kJ/(kg.K)
Temperature Range	: -50°C to 150°C

Handling Time	
Material of Specimen	Duration
Brass	<60 secs
Steel	3 to 5 mins
Stainless Steel	4 to 8 mins
Zinc Plated Steel	15 to 30 mins
Aluminium	20 to 35 mins

Average functional curing time: 1 to 3 hours

Average full curing time: 8 to 12 hours

Unseated assembly cured for 24 hours		
Type of Specimen	Breakaway Torque (T_{BA})	Prevailing Torque (T_P)
Zinc plated, M10	12 N.m	2 N.m
Stainless Steel, M10	10 N.m	2 N.m
Steel, M10	15 N.m	4 N.m

6. Packaging

Packaging : Original packaging

Tube 50 ml	Package 72 pcs/ctn
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7. Shelf Life and Storage

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Tube 50 ml	36 months (after production date, if stored at room temperature)
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8. Health and Safety

Adverse physicochemical, human health and environmental effects	: May cause respiratory irritation. May cause an allergic skin reaction. Causes serious eye irritation.
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Other medical advice or treatment	: Treat symptomatically.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing



S-077 SOMAFIX PIPE SEALANT MEDIUM STRENGTH

Technical Data Sheet

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Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

9. Remarks

Remarks : For further information, please refer to the Safety Data Sheet

10. Standards and Certificates

No information available

Technical Data Sheet

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