

Description Polygrip SPR is a sprayable synthetic rubber base adhesive. It is specially designed for providing long coverage area.

Advantages
 High productivity
 Higher coverage
 Low wastage
 Mild smell
 No harmful benzene
 Rapid strength development

Applications
 AC ducting
 Automobile (roof lining, door trim, non-woven carpets)
 Generator canopy
 Luggage
 Sofa, mattress and chairs manufacturing
 Upholstery fixing and seat making

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Golden-yellow
	Density at 30°C	g/ml	-	0.78 - 0.85
	Viscosity at 30°C	c Ps	ASTM D2196	100 - 200
	Tack retention ti ¹	Minutes	-	Max 30

¹Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in thin film. It may vary depending upon ambient temperature & humidity conditions.

Process of application **Surface preparation:** Ensure that substrates to be bonded are clean, dry and free from oil, grease and foreign particles such as dust and rust.

Application: Stir adhesive well and make it homogeneous prior to use. Spray the adhesive by using air supported gun (make-pilot) having orifice diameter of 1.5 mm to 2.0 mm at air pressure of 45 psi to 55 psi. Allow evaporation of solvents for 1 to 2 minutes. Assemble both the substrates with uniform contact pressure to achieve intimate contact without air pockets. The optimum bond strength is achieved after 24 hours.

Packaging Polygrip SPR is available in 5 L and 30 L MS drums. Other packing may be considered on request.

Storage and handling Polygrip SPR should be stored in cool and dry place away from moisture, heat and direct sunlight. It contains highly volatile solvents, which will release during application, processing and use. These volatile solvents are highly flammable, hence adhesive must not come in contact with heat, spark and necked flame. This product has a shelf-life of 1 year, if stored in its original container between 2°C and 40°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

Safety Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, it should be washed off immediately with soap and warm water. Proper ventilation must be provided to shop floor where adhesive is used. Avoid breathing vapours, mist or gas. Please refer to the Safety Data Sheet (SDS) of Polygrip SPR for detailed safety instructions.

Spills and disposal In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

POLYGRIP® SPR

Technical Data Sheet | Polymers Business



Contact

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Note

Polygrip® is a registered trademark of Atul Ltd.

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