

## Description

Polygrip SH is water based milky white polyvinyl acetate based adhesive. This adhesive is specially used in furniture industry for bonding wood to other substrates. This adhesive is also suitable for adhering similar and dissimilar substrates to achieve strong bonds. High coverage can be achieved if used at appropriate environmental and processing conditions.

## Applications

Furniture

## Typical specifications

Property	Unit	Test method	Value
Appearance	--	--	Milky white emulsion
Viscosity at 30°C	cPs	ASTM D 2196	20000 - 25000

## Process of application

**Surface preparation:** Bonding surface must be completely clean, dry, and free from oil, grease, and foreign particles.

**Application method:** Stir the adhesive well before use. Apply adhesive on both the substrates with the help of brush or appropriate machine. Bond both the substrates properly before the adhesive gets dried. Immediately after bonding the substrates, apply adequate pressure on the component to achieve strong adhesion. In order to achieve optimum strength, allow components to store for at least 24 hours at ambient conditions.

## Packaging

Polygrip SH is available in 50 kg container. Other packing may be considered on request.

## Storage and handling

Polygrip SH has a shelf life of at least six months if stored in its original container at room temperature. It must be stored in cool & dry place away from moisture, heat & 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 & necked flame. Adequate protective measures like safety goggles, hand gloves and respiratory device should be adopted while using this adhesive. Proper ventilation must be provided to shop floor where adhesive is used. Keep containers out of the reach of children. For details safety instructions, kindly refer material safety data sheet.

## 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 SDS 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® SH

Technical Data Sheet | Polymers Business



## Contact

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## Note

Polygrip® is a registered trademark of Atul Ltd.

## Manufacturing site

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