



# SUPERGRIP 6829 S

## REACTIVE POLYURETHANE ADHESIVE

Version: 1.0  
Update: 2017-06-16

### KEY BENEFITS

- Short open time
- Versatile product
- High green strength

### DESCRIPTION

SUPERGRIP 6829 S is a one component, solvent free polyurethane prepolymer with 100% active material. It possesses excellent wettability, short open time and high initial strength. It is suitable for many different substrates such as glass wood, metal with ABS, PVC or PAC, etc. SUPERGRIP 6829 S is a versatile version for home appliance lamination.

### OPERATING PARAMETERS

Typical application temperature: 110 – 140°C.  
Adhesive application is best conducted using direct drum melting systems. This product is suitable for application by robot arm with about 5mm wide tape (after pressed) on ABS/PVC/PU, etc. (substrate 1), then laminate with glass/Metal/ABS, etc. (substrate 2 ) under pressure.

### CURING TIME

The adhesive can preliminarily cure in a short time. For final strength, the glued products should be stored at a temperature not lower than 25°C and at a relative humidity of 50% for a minimum of 3 days. The actual curing time will vary depending on substrates, thickness of adhesive and ambient temperature.

### CLEAN-UP

As SUPERGRIP 6829 S is applied hot, it is recommended to clean regularly the melter and scraper with appropriate cleaning agent : e.g. SGPURGE 94.

### PACKAGING

18 kg steel pail  
20 kg steel pail

### TECHNICAL DATA

CHARACTERISTIC	VALUE	
Appearance	White solid	
Brookfield Viscosity thermosel @ 130°C	[mPa.s]	ca. 8000
Open Time Ambient conditions 0.13mm film	[s]	ca.15

### STORAGE STABILITY

SUPERGRIP 6829 S can be kept unopened for 12 months at a temperature between 5 and 20°C. Store in a dry, clean place. Partially used drums should be closed again tightly and finished as quickly as possible.

### HEALTH AND SAFETY

SUPERGRIP 6829 S contains isocyanate. It is recommended to avoid contact with skin and food. This precaution only applies to non-cured adhesive, which is in its delivered state. Read Safety Data Sheet before using and handling this product. This SDS is available on request.

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### SMART HELP

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