

SYDNEY

25 – 27 Green St
East Botany, NSW 2019
Ph: +61 2 9666 3788
Fax: +61 2 9666 4805

MELBOURNE

29 Trade Place
Vermont, VIC 3133
Ph: 03 9872 4033
Fax: 03 9872 4099

BRISBANE

Unit 6/5 Deakin Street
Brendale, QLD 4500
Ph: 07 3205 8510
Fax: 07 3205 9616

SINGAPORE

H.K. Moey
9 Elias Terrace
Singapore 519772
Ph: +65 6582 8103
Fax: +65 6584 8100
Mobile: +65 9751 0026



TECHNICAL DATA

Greenlink SB401

SURFBOARD BLANK FOAM

Greenlink SB401 is a two part polyurethane system comprises a polyol and isocyanate component. When mixed together in their correct proportions produce a fine-celled foam with a free rise density, 36 kg/m³. The system is designed for the use of moulding surfboard blanks. Typical foamed characteristics include exceptional fine cell structure, brilliant white colour and good colour stability. The isocyanate component contains free TDI. Important: Please read MSDS before using this material.

COMPONENT PROPERTIES

	Polyol	Isocyanate
Appearance	Clear blue tinted liquid	Hazy, near water white liquid
Viscosity (cps)	1800	3000
Specific Gravity	1.08	1.24

REACTION PROFILE

Laboratory results based on hand-mix @ 20°C

Mix ratio by weight (Polyol : Iso)	100:235
Mix Time (seconds)	20
Cream time (seconds)	60
Gel time (seconds)	250
Tack free time (seconds)	450
Free rise densities (kg/m³)	36

STORAGE CONDITIONS AND HANDLING

The components are sensitive to humidity and should at all times be stored in sealed drums. The recommended storage temperatures are 18-25°C, which will give a normal shelf life of 3 months. At elevated temperatures problems may arise with pressure build-up within the drums. When opening these drums extreme care must be exercised in releasing the internal pressure. It is recommended that the drum contents should be mixed well before use.

HEALTH AND PERSONAL PROTECTION

Before handling these chemicals please consult the Material Safety Data Sheets for the two components. The polyol component contains tertiary amines. Contact with the skin or eyes must be avoided. Safety goggles and protective gloves should be worn whenever handling both of the chemicals. Splashes that come into contact with the skin must be wiped off immediately and the contaminated area washed with soap and water. Splashes in the eye must be flushed immediately with plenty of clean running water. If irritation occurs thereafter contact an eye specialist.

GENERAL INFORMATION

At temperatures less than 15°C the reaction rate of **Greenlink SB401** will be much slower resulting in an increase in density, and reduction in foam yield. Also at temperatures above 30°C the cream time will be drastically reduced.

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