



CRC Industries NZ

<b>Technical Data Sheet ADOS Styrobond</b>
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## ***I. Product Description***

ADOS Styrobond is a long tack contact adhesive formulated specifically for bonding polystyrene foam materials to most substrates.

Most commonly used in the fabrication of polystyrene foam sandwich insulation panels for use in thermal or acoustic insulation.

## ***II. Application and Directions***

### PREPARATION:

- Surfaces to be bonded must be thoroughly clean and dry; for optimum results they should be pre-wiped with ADOS Solvent PS.
- Stir adhesive thoroughly before use.
- Some porous surfaces may require pre-coating to seal material. Allow a thin coat to dry thoroughly before applying final coat of adhesive.

### THINNING:

- Thinning is unnecessary unless the adhesive has thickened due to solvent evaporation, caused by the lid being left open for long periods.
- Where necessary ADOS Solvent PS may be used for thinning to reduce viscosity and aid with flow characteristics.

### APPLICATION:

- Use a brush, roller or air driven spray equipment.
- Apply a thin, even layer of adhesive to both surfaces, brushing in short, quick strokes.
- Between 30-120 minutes the solvent should have evaporated and the adhesive should be 'tacky' enough to bond the surfaces together. A useful indication is to touch the surfaces (all over) with a clean finger: if they are 'sticky' to the touch, without transferring to your finger, they are ready to bond together. It is imperative that no solvent is trapped between the bond.
- Position components accurately, as when contact is made the bond will be immediate.
- Apply maximum overall instant pressure, taking care to expel any air bubbles, to ensure a complete bond.
- Use of a hand pressure roller, e.g. a vinyl flooring roller, provides good direct pressure.

### CLEANING:

- ADOS Solvent PS: For cleaning application equipment. For cleaning down surfaces.

## ***III. Features & Benefits***

- **Formulated for bonding Polystyrene** – Does not attack polystyrene
- **Long Tack Time** – Ideal for bonding large areas
- **Versatile** – May be used as a one way stick adhesive
- **Colour (Red)** – Greater visibility of coverage



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#### **IV. Typical Properties and Characteristics**

<b>Type</b>	Contact – solvent based
<b>Composition</b>	Synthetic rubber
<b>Colour</b>	White
<b>Temperature Range</b>	Up to 40° C
<b>Reactivation</b>	N/A
<b>Viscosity</b>	1500 ± 50 cps @25° C
<b>Coverage</b>	4-5 m <sup>2</sup> per litre bond area
<b>Working Time</b>	30-120 minutes

#### **V. Package Description**

<b>Part Number</b>	<b>Size</b>
8110	500 ml
8114	4 litre
8116	20 litre

#### **VI. Special Precautions**

**General:**

The solvents in ADOS Styrobond are Highly Flammable. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

**First Aid:**

Swallowed – Give water to dilute. Do not induce vomiting. Get medical attention without delay.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Do not scrub skin.

Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.

Inhalation – Remove to fresh air. If breathing with difficulty, get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

**TECHNICAL DATA SHEET** Version 11/2012

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 5 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.