



ADOS UHS Ultra High Strength Contact Adhesive

CRC Industries NZ, Auckland NZ

I. Product Description

ADOS UHS is an ultra high strength contact adhesive which gives an immediate and permanent bond on a wide variety of surfaces. It is formulated to give low soak, cure fast, dry clear and be non-staining.

It has high heat resistance and is suitable on porous and non-porous surfaces making it ideal for a wide variety of applications, where permanent, high strength bonds are essential. ADOS UHS uses a unique resin system making it resistant to breakdown from plasticiser migration.

The UHS aerosol is fitted with a variable nozzle, which allows controlled, accurate spraying, reducing product wastage and limiting over-spray.

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 N.

APPLICATION:

- Spray an even layer of adhesive to both surfaces. Adjust nozzle for width of spray required.
- Allow solvents to evaporate away.
- Between 5-10 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. On non porous surfaces it is imperative that no solvent is trapped.
- 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.
- A dry adhesive surface may be reactivated by wiping over with ADOS solvent N.

CLEANING:

ADOS Solvent N: For cleaning equipment, etc.

III. Features & Benefits

- **Ultra High Strength** – Instant Permanent Contact Bond
- **High Heat Resistance** – Up to 75°C
- **Plasticiser Safe** – Resistant to breakdown from plasticiser migration
- **Easy to Use** – No clamping required
- **Variable Nozzle** – Allows controlled, accurate spraying and a variable spray width

**IV. Typical Properties and Characteristics**

Type	Solvent-based contact
Colour	White foam, dries clear
Temperature Range	-20°C to +75°C
Reactivation	N/A
Viscosity	N/A
Coverage	1m ² per aerosol can
Working Time	5-10 minutes

V. Package Description

Part Number	Size
8180	550 ml

VI. Special Precautions**General:**

The solvents in ADOS UHS 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 and indoor temperature must be between 5°C and 30°C. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

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 09/2011

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 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.