



CRC Industries NZ, Auckland NZ

I. Product Description

ADOS F91 is formulated to offer very controlled spraying with airless spray equipment. It is a low viscosity product which gives a fine glue line.

When sprayed it generates virtually no mist which means the product is applied directly to the surface and there is no airborne waste and very little vapour. This gives greater coverage and economy, less odour and an improved work environment – all important factors for commercial applicators.

It has exceptional performance, superior bond strength and will bond most materials to each other or other substrates.

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.
- 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 N may be used for thinning to reduce viscosity and aid with flow characteristics.

APPLICATION:

- Use airless spray equipment.
- Apply a thin, even layer of adhesive to both surfaces.
- Between 15-60 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 adhesive 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.
- A dry adhesive surface may be reactivated by wiping over with ADOS Solvent N. An alternative method is heat reactivation to 80°C. In this case, care must be taken to ensure that all solvent has evaporated before heating.

CLEANING:

- ADOS Solvent N: For cleaning application equipment.
- ADOS Solvent PS: For removing adhesive from surfaces as it coagulates. DO NOT use to clean application equipment.

III. Features & Benefits

- **Spray grade** – Formulated for optimum performance for airless spraying
- **Fine glue line** – Enhanced finished product appearance
- **Low misting formula** – Greater economy, less product waste
- **Minimum odour, less vapour** – Greater safety
- **Colour (Red)** – Greater visibility of coverage
- **Colour (Clear)** – Ideal for seam joints



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IV. Typical Properties and Characteristics

Type	Solvent-based contact
Composition	Polychloroprene (Neoprene®)
Colour	Clear or red
Temperature Range	Up to 93°C
Reactivation	Heat or solvent
Viscosity	130 ± 20 cps @ 25°C
Coverage	4-8 m ² per litre bond area
Working Time	15-60 minutes

V. Package Description

Part Number	Size
8094	20 litre Clear
8096	20 litre Red

VI. Special Precautions**General:**

The solvents in ADOS F91 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 20°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.

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 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.