



CRC Industries NZ, Auckland NZ

I. Product Description

ADOS F38 is an outstanding heat resistant contact adhesive capable of withstanding temperatures of up to 175°C. It is especially suited to areas where very high heat is encountered and where surfaces are exposed to direct sunlight.

It has a short tack time and the instant bond necessitates small areas to be worked at any time. ADOS F38 is versatile and may be applied using a brush, roller, air driven sprayer or airless spray equipment.

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 a brush, roller, air driven or airless spray equipment.
- Apply a thin, even layer of adhesive to both surfaces; brushing in short, quick strokes.
- Ensure that the spray pattern atomisation is pinhead size.
- Between 10-20 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.
- 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

- **High Heat Resistance** – Up to 175°C. Used in areas where temperature is a factor.
- **Easy to Use** - Range of application methods. Can be sprayed, brushed or rolled.
- **Colour (Red)** – Greater visibility of coverage
- **Colour (Clear)** – Ideal for seam joints



CRC Industries NZ, Auckland NZ

IV. Typical Properties and Characteristics

Type	Solvent-based contact
Composition	Polychloroprene (Neoprene®)
Colour	Honey (dries clear) or red
Temperature Range	-40°C to +175°C
Reactivation	Heat or solvent
Viscosity	300-350 cP
Coverage	3-5 m ² per litre bond area
Working Time	10-20 minutes

V. Package Description

Part Number	Size
8034	500 ml
8036	1 litre
8038	4 litre
8042	20 litre Clear
8044	20 litre Red

VI. Special Precautions**General:**

The solvents in ADOS F38 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 difficultly 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.