



CRC Industries NZ, Auckland NZ

I. Product Description

ADOS RTV Acetic Cure Silicone is a single component, fast curing, room temperature vulcanising silicone designed for glazing applications, general sealing and weatherproofing. It is suitable for use where etching of substrate is desirable, e.g. glazing and gasketing.

ADOS RTV Acetic Cure Silicone is an acetic cure for extra bond and increased strength that is ideal for butt and lap shear joints, showers, baths and basins. Note, for galvanised (zinc-coated) steel or concrete use ADOS RTV Neutral Cure Silicone Sealant.

II. Features & Benefits

- 100% RTV silicone
- Acetic cure for extra bond and increased strength
- Permanently flexible
- Waterproof sealant
- Excellent adhesion
- Ideal for glazing
- UV resistant
- Withstands NZ conditions
- Resists cracking, shrinking and vibration
- Bridges gaps up to 8mm

III. Application and Directions**Preparation:**

- Surfaces must be clean from any contamination and dry before application.
- Use mechanical or solvent cleaning. Do not use soap or detergent.
- Use alcohol on glass, and for plastic consult the supplier for recommended cleaning solvent.
- Use masking tape to cover surfaces and joints to simplify cleaning.
- If surface requires a primer, the primer must be dry before applying sealant

Application:

- Before placing cartridge in application gun, slice nozzle at a 45 degree angle at desired bead size.
- Press nozzle against surface and apply sealant.
- Tool to eliminate all voids within 5 minutes of applying sealant. Tack-free time is 1 hour. Sealant will fully cure in 72 hours.
- Immediately after completion, clean excess sealant off surfaces, tools and hands with a clean, dry cloth.
- Remove masking tape within 1 hour.

Clean Up:

- ADOS Solvent N to clean uncured product off equipment and surfaces.
- ADOS Silicone Remover to remove cured product.
- ADOS Solvent PS is suitable for removing stains from sealant.

Note: Not recommended for use on submerged joints, especially where porous substrates permit water to the bond interface. Not suitable for use on polycarbonate.

Limitations: Not recommended for use on galvanized (zinc-coated) steel or concrete, cement or plaster surfaces. Use ADOS RTV Neutral Cure Silicone

Estimating Requirements – linear metres per cartridge for various joint dimensions:

Depth mm	Width mm						
	3.3	6.4	9.7	12.7	16.0	19.2	25.4
3.3	29.7	14.88	9.93	7.44	5.94	4.97	3.72



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4.9		9.93	6.64	4.97	3.96	3.31	2.48
6.4		7.42	4.97	3.72	2.97	2.49	1.86
9.7			3.31	2.48	1.98	1.64	1.23

IV. Typical Properties and Characteristics

Physical Properties & Performance Characteristics:

Composition	Silicone polymer
Curing Method	Acetoxy
Colour	Translucent
Service Temperatures	-60°C to +150°C
Lap Shear Strength	1.1MPa
Hardness (Shore A)	22-27
Sag / slump (w = 5mm)	≤ 1mm
Tensile Strength	≥ 1MPa
Density	1.05
Tooling Time	3 - 5 minutes
Toxicity	Non-toxic when cured
Tack Free Time	1 hour (@ 25°C / 50% RH)
Cure Time (5mm, 20°C / 55% RH)	2 days

V. Package Description

Part Number	Size
8365	310ml Cartridge

VI. Special Precautions

General:

Keep locked up. Store in cool, dry, protected area. Use with adequate ventilation. Do not eat, drink or smoke while using. 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 – Do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Skin – Immediately flush body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Transport to hospital or doctor.

Eyes – Hold open and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.

Inhalation – Remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital or doctor.

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 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.