

# ULTRATEK

## ACETIC-RTV

### DESCRIPTION

Ultratek ACETIC-RTV is a one part acetoxy (Acetic) curing 100% silicone sealant with excellent resistance to aging, cracking and discolouration. It is specially formulated to form a robust, permanently flexible weather seal for commercial & residential glazing, large plate glass and aquariums applications. Ultratek ACETIC-RTV has excellent adhesion to most substrates and is suitable for sealing and bonding indoors/outdoors, window and doors with glass, stainless steel materials and suitable heavy duty marine environments.

### APPLICATIONS

- Food Grade applications (Complies with FDA 177.2600)
- Aquariums & Fish tanks
- Window & door joints with glass
- Marine environments

### Substrates

- Glass
- Aluminium
- Stainless Steel
- Most woods
- Rubber/ Canvas
- Glazed ceramics & porcelain

### ADVANTAGES

- Fast cure
- UV stable
- Waterproof
- Acetic cure
- Highly flexible
- Excellent adhesion
- Low odour

### PRODUCT CHARACTERISTICS

<b>Product Codes</b> 300ml Cartridge	Translucent	53UTACT
<b>Appearance</b>	Thixotropic Paste	
<b>Curing Method</b>	Acetoxy	
<b>Service Temperature</b>	+5°C to +45°C	

### TYPICAL PROPERTIES

<b>Movement capability</b>	± 25%
<b>Elongation @ Break</b>	>600%
<b>Skinning time</b>	7 minutes@ 25°C, 50% Relative Hu-midity
<b>Rate of cure</b>	3mm in 24 hours 6mm in 7 days
<b>Recovery Elastic</b>	90%
<b>Shore A. Hardness</b>	25-30
<b>Sag</b>	0mm
<b>Extrudability</b>	6ml/2sec.
<b>Specific Gravity</b>	1.03g/mL (Translucent)
<b>Tensile Strength</b>	1.0MPa (approx.)
<b>Application Temperature</b>	+5°C to +45°C

**NOTE:** All data provided is based on 25°C and 50% Humidity Conditions & fully cured after 21 days.

## INSTRUCTIONS FOR USE

Read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting [www.macsim.com.au](http://www.macsim.com.au).

### Surface Preparation

Surfaces must be dry and clean; free of dirt, grease, oil, rust, or any other contamination.

### Applications Instructions

1. Mask smooth surfaces to simplify clean up.
2. Cut tip off cartridge.
3. Cut nozzle to desired size at 45° angle & screw nozzle onto cartridge.
4. Insert cartridge into caulking gun & push sealant ahead for uniform bead.
5. Tool immediately.
6. Clean off excess sealant.

### Clean Up

Uncured sealant can be cleaned up with M.E.K or Torulene. Any cured sealant can be removed using a spatula, scrapper, or solvent.

### Limitations

Ultratek Acetic-RTV is not suitable for the following applications

- Surfaces that bleed oil.
- Joint movement more than 30%

**Note:** Fish Tank silicone cannot be painted.

### Shelf Life

18 months shelf life when stored in a cool, dry, well ventilated environment away from direct sunlight (between +5°C and +25°C) in original unopened container.

### Cleaning

Remove excess cured sealant with a sealant spatula immediately. Uncured adhesive can be removed with M.E.K or Torulene.

## HEALTH & SAFETY

### Safety

Keep away from heat, sparks, open flames, hot surfaces. - No smoking.

Do not breathe dust, fumes, gas, mist, vapours & spray. Wear protective gloves, protective clothing, eye protection & face protection.

### POISONS INFORMATION CENTRE:

Australia: 13 11 26; New Zealand: 0800 764 766.

### First Aid

Take off contaminated clothing and wash before reuse. In case of fire use alcohol resistant foam or normal protein foam for extinction. If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical advice and attention if you feel unwell.

If eye irritation persists: Get medical advice and attention.

If on skin wash with soap and water. If skin irritation occurs get medical advice immediately.

For more information and advice on the safe handling, storage and disposal of this product, refer to the Safety Data Sheet available at [www.macsim.com.au](http://www.macsim.com.au)

### DISCLAIMER

The information in this Technical Data Sheet (TDS) is based on our present knowledge to the date of the publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is only a guide for safe handling, use, storage, transporting and disposal of the product.