

# ULTRATEK

## INDUSTRIAL

### DESCRIPTION

Is a premium medium modulus one part moisture curing, 100% high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of glazing, weather sealing and trade applications. It will bond to form strong weatherproof seal on most common building materials. Weather and UV resistance is excellent and its superior physical properties are retained over many years of exposure.

### APPLICATIONS

- Roofing & guttering
- General glazing
- Sheetmetal fabrication
- Water tanks
- Food & grain silo's
- Marine, Truck & Vehicle assembly
- RV & Caravan assembly
- General weather sealing.

### Substrates

- Metals
- Glass
- Aluminium
- Powder coated materials
- Fibreglass
- Masonry
- Stainless Steel
- Roof & gutter
- Most plastics
- Concrete
- Painted finishes
- Composite materials.

### ADVANTAGES

- UV Resistant
- 100% Neutral Cure Silicone
- AS/NZ 4020 Potable Water
- Low Gloss • Excellent Adhesion
- +/- 25% Movement
- Mid Modulus
- Low VOC
- No Solvents or Extenders

### PRODUCT CHARACTERISTICS

<b>Product Codes</b>	Grey	53UTIG600
600ml Sausage		
300ml Cartridge	Translucent White Grey Matt Black	53UTIT 53UTIW 53UTIG 53UTIMB
<b>Curing Method</b>	Moisture curing (Neutral Oxime)	
<b>Curing Time</b>	2-3mm per day	
<b>Service Temperature</b>	-30°C to +180°C	
<b>Application Temperature</b>	+5°C to +45°C	

### TYPICAL PROPERTIES

<b>Base</b>	Neutral oxmine silicone
<b>Skin formation time</b>	5-10 mins
<b>Tack free time</b>	<20 mins
<b>Joint movement</b>	+/- 25%
<b>Specific Gravity</b>	1.02 g/ml 1.25g/ml (Matt Black)
<b>Shore A Hardness</b>	24 30 (Matt Black)
<b>Tensile Strength</b>	1.1MPa
<b>Elongation @ Break</b>	≥ 580%

**NOTE:** All data provided is based on 25°C and 50% Humidity Conditions

## 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 Industrial is not suitable for the following applications

- Submerged joints where porous substrates permit water to the bond interface.
- For certain rubber products where bleeding of plasticiser migration may occur.
- In an aquarium construction and structural glazing.

### Shelf Life

12 months shelf life when stored in a dry and cool place with temperature between +5°C to +25°C.

## HEALTH & SAFETY

### Safety

Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

### First Aid

IF exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol resistant foam or normal protein foam for extinction. Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

### POISONS INFORMATION CENTRE:

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

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.