

Tradesmans Choice

# MF70

## SANITARY

### Professional Sealant



### Technical Data Sheet

#### DESCRIPTION

Sanitary sealant is a single component, neutral silicone sealant with excellent anti-fungal properties. It resists mildew and is suitable for many common areas which may be exposed to high humidity and temperature conditions. It will bond to form a durable, flexible, waterproof seal on most building materials.

#### APPLICATIONS

Sanitary is suitable for:

- Wet Areas
- Kitchens
- Bathrooms
- Toilets
- Showers
- Sinks & Vanity Units
- Glass Partitions
- Plumbing Fixtures
- Sewerage Systems
- Cold Storage Rooms

#### Substrates:

- Glass
- Glazing
- Windows
- Ceramic Tile
- Vitreous Enamel
- Most Laminated Surfaces
- Fibre Glass

#### ADVANTAGES

- Anti-fungal: Can be used in wet areas
- Mould & mildew resistant
- Joint movement capability  $\pm 25\%$
- Non corrosive to galvanised/ zinc coated steel/ concrete
- Sanitary
- Fast cure
- Low odour
- UV Stable
- Waterproof
- Neutral cure
- Highly flexible
- Non slumping
- Excellent primerless adhesion
- Unaffected by extreme temperature conditions
- Industrial Use

#### PRODUCT CHARACTERISTICS

<b>Colour</b>	White; Translucent
<b>Appearance</b>	Thixotropic paste
<b>Curing Method</b>	Neutral cure
<b>Service Temperature</b>	-50°C to +200°C
<b>Product Codes</b>	Translucent: 53TBKT White: 53TSW
300ml Cartridge	

#### TYPICAL PROPERTIES

<b>Movement Capability</b>	$\pm 25\%$
<b>Elongation @ Break</b>	850%
<b>Skinning Time</b>	2-15 minutes @ 23°C $\pm 2^\circ\text{C}$ , 50% RH $\pm 5\%$ (7 Days)
<b>Recovery Elastic</b>	>85%
<b>Shore A. Hardness</b>	31
<b>Sag</b>	$\leq 1\text{mm}$
<b>Extrudability</b>	400g/min.
<b>Specific Gravity</b>	0.97g/mL
<b>Tensile Strength</b>	1.2MPa
<b>Application Temperature</b>	+5°C to +45°C
<b>VOC Rating</b>	Low VOC

## 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 to be sealed must be clean, dry and free of wax, grease, cutting oils or any looseflaking materials.

Use the two-wipe process for impervious substrates. Ensure the cloths are clean and changed frequently.

### Applications Instructions

Use masking tape each side of joint to simplify clean up, to protect surfaces and to ensure a neat job.

Cut nozzle at a 45° angle slightly wider than the desired Bead or joint width. If being installed as a joint sealant, always use a suitable backing rod to ensure the correct depth is achieved. Insert cartridge into caulking gun. Hold gun at 45° angle and extrude sealant making sure nozzle is in contact with both sides of joint. Tool off within a few minutes before skin forms. Remove excess sealant immediately using M.E.K or Toluene. Any cured sealant can be removed using a spatula, scraper or solvent.

### Limitations

Sanitary is not suitable for the following applications

- Surfaces that bleed oil.
- Below ground joints
- Areas in direct contact with food
- Will not adhere to some plastics such as polythylene, polypropylene and teflon.
- Contact with acetic silicone sealant.
- Aquariums
- Structural Glazing
- Composite panels
- Under water applications
- Stone
- High traffic areas
- Discolouration may occur on copper and brass

**Note:** Sanitary cannot be painted.

### Shelf Life

12 months shelf life when stored in a cool and dry environment and between +5°C and +27°C. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

### Cleaning

Remove excess uncured adhesive with a sealant spatula immediately. Cured adhesive can be removed with M.E.K or Toluene.

## HEALTH & SAFETY

### Safety

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace.

If poisoning occurs, contact Poisons Information Centre: Australia: 13 11 26; New Zealand: 0800 764 766.

### First Aid

Wash contaminated clothing before reuse. In case of fire: Use alcohol resistant foam or normal protein foam for extinction.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

For more information and advice on the safe handling, storage and disposal of this product refer to the Safety Data Sheet. The can be acquired by visiting [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.