



# AS-4001 MS CONSTRUCTION SEALANT

BASED ON ADVANCED MODIFIED SILICONE (MS) POLYMER TECHNOLOGY

## FEATURES

	AS-4001	OTHERS
<b>PAINTABLE</b> <ul style="list-style-type: none"> <li>Paintable with various types of paint</li> </ul>		
<b>FLEXIBLE</b> <ul style="list-style-type: none"> <li>±50% Movement capability</li> </ul> <b>GOOD UV RESISTANCE</b> <ul style="list-style-type: none"> <li>Durable.</li> </ul>		
<b>NON STAINING/ LESS DIRT STREAKING</b> <ul style="list-style-type: none"> <li>No silicone oil hence no oil migration and staining issues on adjacent substrates</li> <li>Minimize dirt streaking issues introduced by silicone sealants</li> <li>Reduce cleaning and maintenance costs.</li> </ul>		
<b>PRIMERLESS BONDING</b> <ul style="list-style-type: none"> <li>Good adhesion to most substrates even without using primers.</li> <li>Works on difficult to bond substrates like aluminum, stainless steel, polycarbonate, ABS, PVC, etc.</li> </ul>		
<b>NO AIR BUBBLING</b> <ul style="list-style-type: none"> <li>The bubbles/in PU sealants are due to the formation of CO<sup>2</sup>. CO<sup>2</sup> forms when the isocyanate present in PU sealant reacts with moisture</li> <li>MS sealants do not contain isocyanate.</li> </ul>		
<b>GREEN SEALANT</b> <ul style="list-style-type: none"> <li>&lt;10g/L of VOC (Volatile Organic Compound) contents (USEPA Test Method 24)</li> <li>Complies to SCAQMD rule 1168.</li> <li>No hazardous materials such as isocyanate, solvent, heavy metals etc.</li> </ul>		

## WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 / 6364 5060 / 6367 3676 Fax: (65) 6364 0629

[war99@singnet.com.sg](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://www.warrior.com.sg)

*bizSAFE*<sub>3</sub>



# AS-4001 MS CONSTRUCTION SEALANT

BASED ON ADVANCED MODIFIED SILICONE (MS) POLYMER TECHNOLOGY

## APPLICATIONS

Recommended for sealing concrete joints like expansion joints, construction joints, wall panel joints etc. Ideal for sealing metal or stone façade panels, and door/window frame perimeter joints. It may also be used without primer to seal porcelain, coated metal, epoxy and polyester panels, polystyrene, Upvc, stainless steel, anodized aluminum and finish wood.

**Limitation: Not recommended for areas subject to continuous water immersion. Not for PE, PP, Teflon, Neoprene, and bituminous surfaces. Not for outdoor sealing/bonding of glass substrates. Not paintable with Alkyd resin paint because curing inhibition of the point.**



Perimeter Sealing



Concrete Joint



Precast Wall Panel Joint



Aluminium Panel Bonding



Aluminium Composite Panel



Natural Stone

## PRODUCT SPECIFICATION

- |   |  |
|---|--|
| • Curing System                         | Moisture Curing                                  |
| • Density                               | 1.56 g/ml<br>(White & Grey)<br>1.55 g/ml (Black) |
| • Tack Free Time                        | 45-55 minutes                                    |
| • Elongation at break (ASTM D412)       | > 900%   |
| • Shore A Hardness (ASTM C661)          | 25-35  |
| • VOC Content (USEPA Test Method 24)    | <10g/L   |
| • Joint movement capability (ASTM C719) | ±50%   |
| • Application Temperature               | 5°C to 40 °C                                     |



## WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 / 6364 5060 / 6367 3676 Fax: (65) 6364 0629

[war99@singnet.com.sg](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://www.warrior.com.sg)

**bizSAFE<sub>3</sub>**



# AS-4001 MS CONSTRUCTION SEALANT

BASED ON ADVANCED MODIFIED SILICONE (MS) POLYMER TECHNOLOGY

- Service Temperature -30°C to 100°C
- Shelf Life 9 months (Cartridge)  
12 months (Sausage)

## PACKING

290ml cartridge / 20 cartridges per carton

600 ml sausage / 20 sausages per carton

Colours available: White, Grey & Black



## WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 / 6364 5060 / 6367 3676 Fax: (65) 6364 0629

[war99@singnet.com.sg](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://www.warrior.com.sg)

