



MIRROR SILICONE

Technical Data Sheet

Date of issue: 09/03/2017

Revision date: 30/06/2017

Version: 0.1

TDS No.: TDS.09.28

1. Product Description

Product description	: ANTIA MIRROR SILICONE is one component, neutral, low modulus silicone sealant with outstanding adhesion, long shelf life and excellent tooling characteristics for construction, perimeter sealing and glazing. It cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.
Use of the substance/mixture	: Adhesives, sealants
Recommended use	: Industrial use Professional uses Consumer use

2. Characteristics

Characteristics	: Non-sag Quickly becomes tack-free Primeless adhesion to most materials Easy gunnability Non-yellowing Low shrinkage Almost odourless UV-Resistant Good tooling properties Non-corrosive to metals Suitable for alkaline substrates such as concrete, mortar, fibrous cement Compatible with water-based and solvent-based coatings: no plasticizer migration
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3. Application

- Glass and windows construction, sealing of joints between glazing and supporting structure
- Sealing of connecting and expansion joints in the building industry
- Sealing of Flashing and windows and Facades joints
- Bonding Mirrors on porous and non-porous materials

4. Application Instructions

- Application temperature is between +5 °C to +40 °C.
- Make sure the surface to be applied is dry and clean, free of dust and grease
- Cut the cartridge tip and place it in the gun
- Apply the silicone over the surface in strip form
- Clean any silicone residue simply with soapy water

5. Technical Specifications (@ 23 °C 50% RH)

Odour	: characteristic
Curing System	: Alkoxy-Neutral
Extrusion Rate	: 200 ml/min
Skin Forming Time	: 15 - 18 minutes
Curing Rate	: 3 mm/day

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Ultimate Elongation (DIN 53504) : 300 %

Hardness Shore A : 24
Tensile Strength (DIN 53504) : 0.7 N/mm²
Thermal Resistance : -40 - 180 °C
Modulus at 100% Elongation (DIN 53504) : 0.36 N/mm²
Tear Strength (ISO 34-1) : 4.6 N/mm
Movement Capability : 25 %
Application Temperature : 5 - 40 °C

6. Packaging

Colour : Transparent / White/Black

Cartridge 280 ml	Package 24 pcs/ctn
Cartridge 310 ml	Package 24 pcs/ctn

7. Shelf Life and Storage

Storage conditions : Store in a well-ventilated place. Keep cool.
Storage temperature : 0 - 35 °C

Cartridge 280 ml	18 months (after production date if stored at room temperature)
Cartridge 310 ml	18 months (after production date if stored at room temperature)

8. Health and Safety

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
Other medical advice or treatment : Treat symptomatically.
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

9. Remarks

Remarks : For further information, please refer to the Safety Data Sheet

10. Standards and Certificates

Standards and Certificates : EN 15651-1
EN 15651-2

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