



# MSDS COLORSIL

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ENGLISH

Revisión: 04/06/2013

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## I. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY OR FIRM.

- 1. Preparation Identification:** COLORSIL
- 2. Preparation Use:** COLORSIL is a one-part, neutral curing, low modulus alkoxy silicone sealant which cures at room temperature under the action of atmospheric moisture to give an elastic rubber. It is especially designed for SILESTONE colours.
- 3. Identification of the company or firm:** COSENTINO  
Ctra. Baza - Huercal Overa, Km 59  
04850 Cantoria (Almería)  
Telf.: 00 34 950 444175 - Fax: 00 34 950 444226

Emergency phone. **Toxicological Information Medical Service: Tel. (91) 562.04.20**

## II. FEATURES:

- Low modulus, high elasticity
- Resistant to ozone, ultra-violet radiation and temperature extremes
- Contains fungicide
- Contains a biocide that guarantees the antibacterial protection of the surfaces.
- Suitable for sanitary applications.

**III. APPLICATIONS:**

COLORSIL offers good adhesion to most materials used in construction and it is suitable for sealing low stress connection and expansion joints.

COLORSIL is especially designed for sealing pieces of stone, quartz counters, or any porous surface that is liable to become stained.

COLORSIL can be used for sealing low stress joints in sanitary areas like e.g. bathrooms and kitchens.

**IV. SURFACES:**

Ensure that surfaces to be sealed are clean, dry and free from frost. Clean all joints of release agents, water repellents, dust, dirt, old sealants and other contaminants which could impair adhesion. Non-porous surfaces should be cleaned and degreased by wiping with a suitable solvent before application of sealant.

**V. PACKAGING AND COLOURS:**

COLORSIL is supplied in 280 ml cartridges packed in boxes of 25.  
COLORSIL is available in a wide variety of colours.

**VI. CONSERVATION:**

When stored at or below 30°C in the original unopened cartridges, COLORSIL has a usable life of 12 months.

**VII. LIMITATIONS:**

COLORSIL silicone sealant can't be painted.

COLORSIL silicone sealant is not recommended for structural glazing or insulated glazing applications.

Do not use COLORSIL silicone sealant on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM or on building materials which might bleed oils, plasticisers or solvents.

COLORSIL is not recommended for sealing of aquaria and submerged joints.

Not expose to thermal, mechanical or chemical influences, before his complete vulcanization.

**VIII. HANDLING PRECAUTIONS**

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on request.

During vulcanization methanol and ethanol are released. These vapours should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water as irritation will otherwise be caused. Cured silicone rubber, however, can be handled without any risk to health.

Keep out of reach of children

**IX. Physical and chemical properties.**

Cure system	Alcoxi
Application temperature	+5 °C y +40 °C.
Application rate,	< 40 g/min 3 mm, 2 bar
Density	0.99 – 1.02 g/cm <sup>3</sup>
Hardness (Shore A)	22 ± 3 (ISO 868)
E-Modulus 100 %	> 0.35 N/mm <sup>2</sup> ISO 8339
Tensile strength	> 0.5 N/mm <sup>2</sup> ISO 8339
Elongation at break	> 300 % ISO 8339
Sag, slump	< 2 mm
Tooling time*	< 15 min
Tack free time*	< 30 min
Temperature resistance	-40 °C a +120 °C

\* Depending on moisture and temperature conditions.

To the best of our knowledge and judgement about components, the information and recommendations in this publication are accurate on the date of publication. No part of its content should be construed as an explicit or implied guarantee of quality. In all cases it is the responsibility of the users to determine the suitability of this information or suitability of any product for its correct application.

COSENTINO S.A. DO NOT ACCEPT ANY RESPONSABILITY CONCERNING ITS ASSESSMENT OF THE SAFETY AND HEALTH CONDITIONS UNDER WHICH THIS PRODUCT IS TRANSPORTED, STOED OR USE.



COSENTINO CENTRAL:

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