

## SG C-SIL

### Technical Data Sheet

#### 1. DESCRIPTION AND MAIN FEATURES

SG C - Sil is A poly-condensation RTV 2 silicon rubber that vulcanizes at room temperature.

#### 2. MAIN APPLICATION SECTORS

**Industrial** ( realization of silicone mould / duplications ). The product stays in contact with non – aggressive materials

#### 3. DOSAGE AND MIXING

The product is composed by a BASE component (white COLOUR) and a CATALYST component (transparent COLOUR). Mix energetically the mass (mixing ratio base + 5%) till to obtain an homogeneous colour. The hardening happens in approximately 24 hours. After 24 hours the product is hardened.

##### 3.1 USE

The percent of catalyst to mix is 5% . The exact proportion must be respected to obtain the correct hardening of the product.

#### 4. CHEMICAL AND PHYSICAL CHARACTERISTICS

##### Properties

Material	Liquid
Base Viscosity	24000 cP
Mixing ratio B + C	100 + 5
Density	1.18 g/cc
Working time (@ 23 °C)	> 90 (*)
Setting Time (@ 23 °C)	< 24 hours(*)
Hardness after 72h	21± 2 shA
Tear Resistance	17/Nmm
Strength Resistance	3/Nmm <sup>2</sup>
Elongation at break	400%
Dimensional variation	0,1%

(\*) The working time and setting time depends significantly of the air-humidity.

#### 5. AVAILABLE PACKAGING

##### Packages

20kg base+1kg curing agent  
5kg base+ 0,25kg curing agent

#### 6. IMPORTANT OBSERVATIONS

The advice given verbally, in writing or through demonstrations on the use of the products are based on our knowledge. The use and application of the product by the user lie beyond the control of the company and are therefore the user's own responsibility.

#### 7. SAFETY DATA SHEETS

The safety data sheets are available in the care of Schouten Syntec.  
The material is not to be considered dangerous according to the directive 88/379/CEE and subsequent adjustments.

#### 8. SHELF LIFE

SG C-Sil is guaranteed for a period of 12 months if conserved correctly between 5° - 27°C (41° - 80°F).

