

## EUROSIL 4 PINK

### Technical Data Sheet

#### 1. DESCRIPTION AND MAIN FEATURES

**Eurosil 4 Pink** is a bi-component addition cured RTV silicone rubber which vulcanizes at room temperature. Due to the considerable fluidity it is recommended for the duplication of models with accentuated undercuts. Compatible with all plasters, coatings, polyurethane resins and acrylic resins.

#### 2. MAIN APPLICATION SECTORS

Due to its considerable precision in reproduction, high dimensional stability and high mechanical resistance, high mechanical resistance, excellent ink transfer property, excellent laser cutting characteristic and high levels of softness and skin compatibility the Eurosil 4 can be used in various sectors.

Mouldmaking and model-making, tampography, medical applications, podology, ceramic serigraphy, rubber part production and others.

#### 3. PROPERTIES

- High chemical resistance to the aggressive components of some types of resin
- Good resistance to laceration
- High level of accuracy in reproduction
- High dimensional stability over time
- Considerable resistance to high temperatures and to ageing
- Excellent non-stick effect

#### 4. CHEMICAL AND PHYSICAL PROPERTIES

|                                       | Metric system    | USA system |
|---------------------------------------|------------------|------------|
| Mixing ratio                          | 1 : 1            | -          |
| Viscosity of the mix pre-catalisation | 17000 - 18000 cP | -          |
| Working time at 23 °C (73 °F)         | 10' - 13'        | -          |
| Setting time at 23 °C (73 °F)         | 1h 30'           | -          |
| Hardness Shore-A after 24 hours       | 4 ± 2 ShA        | -          |
| Tensile strength                      | 1.5 ± 0.3 N/mm   | 218 psi    |
| Elongation at break                   | 500%             | -          |
| Resistance to laceration              | 4.5 ± 5 N/mm     | 25 ± 3 ppi |

The preparation is not to be considered dangerous according to Directive 67/548/EEC and subsequent amendments.

#### 5. CONSERVATION

**Eurosil 4 Pink** is guaranteed for a period of 12 months if correctly conserved between 5° - 27°C (41° - 80°F). Close the bottles after use, do not invert the caps or the lids between base and catalyst.

#### 6. IMPORTANT OBSERVATIONS

The advice given verbally, in writing or through demonstration on how to use the product is based on our knowledge. The use and application by the user occurs without the Company having the possibility to check and therefore remain the responsibility of the user.

#### 7. IMPORTANT PROCESSING DESCRIPTION

Accurately handles the **mix** processing of **1A to 1B** by weight or volume. **Mix** the two components **accurately** to a homogeneous color. **Slowly pour** out the mixture within the working time. Let the mixture cure at **room temperature** up to at least the setting time. When mixing electrically, keep a low speed.