

# SAFETY DATA SCHEDULE

In accordance with (EC) regulation 1907/2006 and amendments made thereto by EU n.453/2010 and regulation EC 1272/2008.

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*Product:* **TECNOLOGIC® 15 SEALANT** 1 of 7  
*Date of issue* 25.05.2015

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## SECTION 1: Identification of the substance or mixture and company/enterprise

### 1.1 Product ID

Product name: TECNOLOGIC 15  
Product code: 15\_130305\_0  
Brand TECNOLOGIC 3  
REACH: not available  
CAS no.: not available

### 1.2 Relevant uses of the substance or mixture and inadvisable uses

*Relevant uses identified: sealant*

### 1.3 Information on the supplier of the safety data schedule

**Company: TECNOLOGIC 3 S.r.l.**  
**Via G. Parini 94/A, 20064 Gorgonzola, (MI) Italy**  
*Phone no. for information:*  
*Tel. +39 02 9510014 Fax+39 02 95300685*  
*Email address: tecnologic3@tecnologic3.it*

### 1.4 Emergency phone no.

In the event of emergencies, call +39 02 66101029 (Niguarda Ca' Granda Poisons Unit, Milan)

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## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification as per directive 1999/45/EC

Harmful for aquatic organisms with long term effects - H412.

For the full text of the hazard information referred to in this section, see section 16.

#### Classification as per directives EU 67/548/CEE or 1999/45/CE:

Non-hazardous substance or mixture

### 2.2 Extracts from the label

#### Labelling as per directive 1999/45/EC

##### Hazard warnings

H302 Harmful if swallowed.

H412 Harmful for aquatic organisms with long term effects.

##### Precautionary statements

P273 Dispose of responsibly after use.

P501 Dispose of the product and its container in an authorized waste disposal site.

### 2.3 Other hazards

No data available.

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## SECTION 3: Composition/information on ingredients

### 3.1 Mixtures

#### Component 1:

Substance Emulsified polymer  
Concentration 30% - 40%

#### Component 2:

Substance Deionised water  
Formula: H<sub>2</sub>O  
Molecular weight: 18.02 g/mol  
CAS no.: 7732-18-5  
EC no.: 231-791-2  
Concentration 20% - 40%

#### Component 3:

Substance Teflon, polytetrafluoroethylene  
Formula: (C<sub>2</sub>F<sub>4</sub>)<sub>n</sub>  
CAS no.: 9002-84-0  
Concentration 9% - 13 %

#### Component 4:

Substance Emulsion of acrylic and fluoride polymers  
Concentration 5% - 8%

#### Component 5:

Substance Mixture of acrylic copolymers  
Concentration 3% - 5%

#### Component 6:

Substance Butyl glycol  
CAS no.: 111-76-2  
EC no.: 203-905-0  
Formula C<sub>6</sub>H<sub>14</sub>O<sub>2</sub>  
Molecular weight 118.18 g/mol  
Concentration 2% - 4%

#### Component 7:

Substance Titanium dioxide  
CAS no.: 13463-67-7  
EC no.: 236-675-5  
Formula TiO<sub>2</sub>  
Molecular weight 79.86 g/mol  
Concentration 1% - 3%

#### Component 8:

Substance Ammonium benzoate  
CAS no.: 1863-63-4  
EC no.: 217-468-9  
Formula C<sub>7</sub>H<sub>9</sub>NO<sub>2</sub>  
Molecular weight 139,15 g/mol  
Concentration 0,4% - 0,7%

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## Component 9:

Substance Ammonia 28%, ammonium hydroxide  
CAS no.: 1336-21-6  
EC no.: 215-647-6  
Formula  $\text{NH}_5\text{O}$   
Molecular weight 35.04 g/mol  
Concentration 0.1% - 0.4%

## Component 10:

Substance Luconyl blue 6900  
Made by BASF  
Concentration 0.1% - 0.3%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Consult a doctor. Show this safety schedule to the doctor.

#### If inhaled

Move the victim into the fresh air.

#### In the event of skin contact

Wash thoroughly with soap and water. Consult a doctor.

#### In the event of eye contact

Rinse the eyes with water as a precaution. Consult a doctor.

#### If swallowed

Administer no products if the victim has fainted. Rinse out the mouth with water. Consult a doctor.

### 4.2 Main symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in sections 2.2 and/or 11.

### 4.3 Information on any need to consult a doctor immediately and adopt special treatments

No data available.

## SECTION 5: Measures in the event of fire

### 5.1 Extinguishing systems

#### Suitable extinguishing systems

Use pulverized water spray, foam, dry chemical products or carbon dioxide.

### 5.2 Special hazards caused by the substance or mixture

May release carbon and nitrogen oxides in the event of combustion.

### 5.3 Recommendations for fire fighting personnel

Wear a personal respirator to put out the fire if necessary. Water jets may be used to cool closed containers.

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## SECTION 6: Measures in the event of accidental leakage

### 6.1 Personal precautions, protection equipment and emergency procedures

Use personal protection equipment. Ensure the area is suitably ventilated. Eliminate all sources of combustion. Evacuate personnel to safe areas. See section 8 for the personal protection equipment.

### 6.2 Environmental precautions

Avoid any additional spillage or leaks if it is possible to do so safely. Do not allow the product to enter drains.

### 6.3 Methods and materials for containment and clean-up

Brush and shovel. Use inert absorbent materials to contain the leaks. Place the leaked materials collected in a container in accordance with the local regulations (see section 13). Keep the product in suitable sealed containers for disposal purposes. Transfer the leaked materials to a container for waste in accordance with the local regulations (see section 13).

### 6.4 References to other sections

See sections 8 and 13.

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## SECTION 7: Handling and storage

### 7.1 Safe handling precautions

Avoid contact with the eyes and skin. Avoid releasing the product into the air. For the precautions, see section 2.2.

### 7.2 Safe storage conditions, including any incompatibility

Store in a cool place. Keep the container hermetically sealed.

### 7.3 Specific end uses

There are no specific uses other than those described in section 1.2.

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## SECTION 8: Exposure checks/personal protection

### 8.1 Checking parameters

No known limits of exposure.

### 8.2 Exposure checks

Handle in accordance with good industrial hygiene and safety practices. Wash your hands before taking a break and at the end of the working day.

## Personal protection

### Protection for the eyes and face

Safety glasses with side protection in accordance with the EN166 standard. Use eye protection equipment tested and approved to suitable technical standards, such as NIOSH (USA) or EN 166 (EU).

### Protection for the skin

Wear gloves when handling. Check the gloves before using them.

The protective gloves selected have to satisfy the requirements of the EU 89/686/EEC directive and the related EN 374 standards.

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## Full contact

Material: nitrile rubber  
Minimum thickness: 0.11 mm  
Penetration time: 480 min

## Splash contact

Material: nitrile rubber  
Minimum thickness: 0.11 mm  
Penetration time: 480 min

## Physical protection

Protective garments with resistance to chemical substances.

## Respiratory protection

If the risk assessment specifies the need for purified air respirators, use a filtering face mask with type P3 (EN 143) filters as support for the technical measures.

## Environmental exposure check

Avoid any additional spillage or leaks if it is possible to do so safely. Do not allow the product to enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on the fundamental physical and chemical properties

- |                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| a) Appearance                                       | Physical state: viscous blue liquid |
| b) Odour                                            | No data available                   |
| c) Odour threshold                                  | No data available                   |
| d) pH                                               | No data available                   |
| e) Melting point/freezing point                     | No data available                   |
| f) Initial boiling point and boiling interval       | No data available                   |
| g) Flash point                                      | No data available                   |
| h) Evaporation rate                                 | No data available                   |
| i) Inflammability (solids, gases)                   | No data available                   |
| j) Upper/lower limit of inflammability or explosion | No data available                   |
| k) Vapour pressure                                  | No data available                   |
| l) Vapour density                                   | No data available                   |
| m) Relative density                                 | No data available                   |
| n) Solubility                                       | No data available                   |
| o) Partition coefficient: n-octanol/water           | No data available                   |
| p) Auto-ignition temperature                        | No data available                   |
| q) Decomposition temperature                        | No data available                   |
| r) Viscosity                                        | No data available                   |
| s) Explosive properties                             | No data available                   |
| t) Oxidising properties                             | No data available                   |

### 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

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<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	Stable under recommended storage conditions
<b>10.3 Possibility of dangerous reactions</b>	No data available
<b>10.4 Conditions to be avoided</b>	No data available
<b>10.5 Incompatible materials</b>	No incompatible materials known
<b>10.6 Hazardous decomposition products</b>	Carbon and nitrogen oxide

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

<b>a) Acute toxicity</b>	No data available
<b>b) Skin irritation</b>	No data available
<b>c) Corrosive effects</b>	No data available
<b>d) Sensitisation</b>	No data available
<b>e) Toxicity under repeated dosage</b>	No data available
<b>f) Carcinogenic properties</b>	No data available
<b>g) Mutagenic effects</b>	No data available
<b>h) Reproductive toxicity</b>	No data available

To the best of our knowledge, no in-depth studies have been carried out on the chemical, physical and toxicological properties.

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## SECTION 12: Ecological information

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bio-accumulation potential</b>	No data available
<b>12.4 Mobility in the soil</b>	No data available
<b>12.5 Results of the PBT and vPvB assessment</b>	

This substance/mixture contains no components regarded as persistent, bio-accumulable or toxic (PBT), or very persistent and very bio-accumulable (vPvB) at concentrations of 0.1% or greater.

<b>12.6 Other adverse effects</b>	No data available
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## SECTION 13: Disposal information

### 13.1 Waste treatment methods

#### Product

Burn in an incinerator for chemical products fitted with a post-combustion system and reducer. Adopt great caution upon ignition, as this product is extremely inflammable. Transfer the non-recyclable solutions and excess quantities to an authorised waste disposal company.

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## Contaminated containers

Dispose of as unused products.

## SECTION 14. Transport information

Classification for road and rail transport (ADR/RID):

14.1 UN number	Not applicable
14.2 UN shipping name	Not regulated for transport
14.3 Hazard classes linked to transport	Not applicable
14.4 Packaging group	Not applicable
14.5 Environmental hazards	Not considered harmful for the environment
14.6 Special precautions for users	No data available
14.7 Bulk transport	No data available

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## SECTION 15: Regulatory information

This safety schedule is in accordance with the terms of (EC) regulation 1907/2006.

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### 15.1 Regulations or legislation on health, safety and the environment specific to the substance or mixture

No data available.

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out on this product.

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## SECTION 16: Other information

### Additional information

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