



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 10.10.2011

Version number 10


Revision: 10.10.2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Silicone Neutro Edilizia 300ml
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Sealant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
TYTAN Professional

Selena FM. S.A.
Strzegomska 2-4, 53-611 Wrocław
tel. +48 71 78 38 290, fax +48 71 78 38 291
e-mail: export@selena.pl, http://www.selenafm.com/
- **Further information obtainable from:** export@selena.pl
- **Emergency telephone number:** Tel.: +48 717838 290 (7:00 - 16:00)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 -  Xn; Harmful
R40: Limited evidence of a carcinogenic effect.
 -  Xi; Irritant
R43: May cause sensitisation by skin contact.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
 -  Xn Harmful
- **Hazard-determining components of labelling:**
2-butanone oxime
- **Risk phrases:**
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.
- **Safety phrases:**
2 Keep out of the reach of children.
23 Do not breathe gas/fumes/vapour/spray.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 10

Revision: 10.10.2011

Trade name: Silicone Neutro Edilizia 300ml

(Contd. of page 1)

- 24/25 Avoid contact with skin and eyes.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 46 If swallowed, seek medical advice immediately and show this container or label.
 51 Use only in well-ventilated areas.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of silanes, fillers and crosslinking agents

- **Dangerous components:**

CAS: 64742-53-6 EINECS: 265-156-6	Distillates (petroleum), hydrotreated light naphthenic	< 30.0%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime ☒ Xn R21-40; ☒ Xi R41; ☒ Xi R43	< 1.2%
CAS: 10605-21-7 EINECS: 234-232-0	carbendazim (ISO) ☠ T Muta. Cat. 2, Repr. Cat. 2 R46-60-61; ☠ N R50/53	< 0.1%

- **Additional information:**
- * Nota H, L applies to petroleum classification
- For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible).
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water spray.

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(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2011

Version number 10

Revision: 10.10.2011

Trade name: Silicone Neutro Edilizia 300ml

(Contd. of page 2)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Do not breathe gas/fumes/vapour/spray.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Absorb liquid components with liquid-binding material.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Store in the temperature below 30C.
Protect from humidity and water.
Protect from frost.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

64742-46-7 Distillates (petroleum), hydrotreated middle

STEL	Short-term value: 10 mg/m ³
TWA	Long-term value: 5 mg/m ³

67-56-1 methanol

WEL	Short-term value: 333 mg/m ³ , 250 ppm
	Long-term value: 266 mg/m ³ , 200 ppm
Sk	

96-29-7 2-butanone oxime

STEL	Long-term value: 10 ppm
TWA	Short-term value: 3 ppm

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2011

Version number 10

Revision: 10.10.2011

Trade name: Silicone Neutro Edilizia 300ml

(Contd. of page 3)

Do not inhale gases / fumes / aerosols.

- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Pasty
Colour:	Different according to colouring
Odour:	Characteristic

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

- **Flash point:** 144 °C

- **Ignition temperature:**

Decomposition temperature: >200 °C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Vapour pressure at 20 °C:** < 0.1 kPa

- **Density at 20 °C:** 0.97 g/ml

- **Solubility in / Miscibility with water:**

Insoluble.

- **Other information**

No further relevant information available.

10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Possibility of hazardous reactions**

Reacts with water.

(Contd. on page 5)

Safety data sheet

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Version number 10

Revision: 10.10.2011

Trade name: Silicone Neutro Edilizia 300ml

(Contd. of page 4)

Polymerisation.

Reacts with humid air.

Reacts with oxidizing agents.

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
 - 2-butanone oxime
 - Carbon monoxide and carbon dioxide
 - Nitrogen oxides

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

96-29-7 2-butanone oxime

Oral	LD50	3700 mg/kg (rat)
Dermal	LD50	844 mg/l mg/kg (fish) 200-2000 mg/kg (rat)
Inhalative	LC50/4 h	20 mg/l (rat)

- **Primary irritant effect:**

- **on the skin:** Prolonged contact may cause skin irritation.

- **on the eye:** May cause slight temporary eye irritation.

- **Sensitization:**

Sensitizing effect by skin contact is possible by prolonged exposure.

Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Toxicity**

- **Acquatic toxicity:** Not determined

- **Persistence and degradability**

The product after hardening is a solid, insoluble in the water.

Not biodegradable

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** Not determined

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 10

Revision: 10.10.2011

Trade name: Silicone Neutro Edilizia 300ml

(Contd. of page 5)

- **European waste catalogue**

08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
15 01 02	plastic packaging

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **ADR, ADN, IMDG, IATA** Void

- **UN proper shipping name**

- **ADR, ADN, IMDG, IATA** Void

- **Transport hazard class(es)**

- **ADR, ADN, IMDG, IATA**

- **Class** Void

- **Packing group**

- **ADR, IMDG, IATA** Void

- **Environmental hazards:**

- **Marine pollutant:** No

- **Special precautions for user**

Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

Not classified as dangerous under transport regulations.

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

R21 Harmful in contact with skin.

R40 Limited evidence of a carcinogenic effect.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R46 May cause heritable genetic damage.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R60 May impair fertility.

R61 May cause harm to the unborn child.

- **Recommended restriction of use** Information in the appropriate technical data sheet of product.

- **Department issuing MSDS:** Product safety department.