



# Safety data sheet according to 453/2010/EC

Date: 24.04.2013

Replaces: 17.05.2012

Ref: 0237.3.DB/DL

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

· **1.1 Product identifier**

· **Trade name:** SX CONTRACTORS LEAD SHEET SEALANT

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

· **Application of the substance / the preparation** Sealant

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

SIROFLEX LIMITED  
Dodworth Business Park  
Dodworth  
Barnsley  
South Yorkshire  
S75 3SP  
Tel: 01226 771600  
Fax: 01226 771601

· **Further information obtainable from:**

www.siroflex.co.uk  
info@siroflex.co.uk


· **1.4 Emergency telephone number:**

Tel: 01226 771600 (Office Hours Only)

## SECTION 2: Hazards identification

· **2.1 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; Sensitising

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.

· **2.2 Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

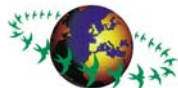
· **Code letter and hazard designation of product:**

 Xn Harmful

· **Hazard-determining components of labelling:**

2-butanone oxime

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**· 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.
- 36/37 Wear suitable protective clothing and gloves.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 56 Dispose of this material and its container to hazardous or special waste collection point.

**· 2.3 Other hazards**
**· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**· 3.2 Chemical characterization: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

**· Dangerous components:**

CAS: 64742-46-7 EINECS: 265-148-2	Distillates (petroleum), hydrotreated middle <span style="color: red;">✘</span> Xn R65 <span style="color: red;">⚠</span> Asp. Tox. 1, H304	10-30%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime <span style="color: red;">✘</span> Xn R21-40; <span style="color: red;">✘</span> Xi R41; <span style="color: red;">✘</span> Xi R43 <span style="color: red;">⚠</span> Carc. 2, H351; <span style="color: red;">⚠</span> Eye Dam. 1, H318; <span style="color: red;">⚠</span> Acute Tox. 4, H312; Skin Sens. 1, H317	1-5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

**· 4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

**· 4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**· 4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

**· 5.1 Extinguishing media**

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**· 5.3 Advice for firefighters**

- **Protective equipment:** Mouth respiratory protective device.

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### SECTION 6: Accidental release measures

#### · 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation  
Wear protective clothing.

#### · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

#### · 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.  
Dispose contaminated material as waste according to item 13.

#### · 6.4 Reference to other sections See Section 8 for information on personal protection equipment.

### SECTION 7: Handling and storage

#### · 7.1 Precautions for safe handling Use only in well ventilated areas.

#### · Information about fire - and explosion protection: No special measures required.

#### · 7.2 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: None.

#### · 7.3 Specific end use(s) No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · Additional information about design of technical facilities: No further data; see item 7.

#### · 8.1 Control parameters

#### · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### · Additional information: The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

##### · Personal protective equipment:

#### · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.

#### · Respiratory protection: Not required.

#### · Protection of hands:



Protective gloves

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

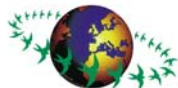
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · 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.

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- **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:** Goggles recommended during refilling

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

· <b>Form:</b>	Pasty
· <b>Colour:</b>	Various colours
· <b>Odour:</b>	Characteristic

· **pH-value:** Undetermined.

##### · Change in condition

· **Melting point/Melting range:** Undetermined.  
 · **Boiling point/Boiling range:** > 300 °C

· **Flash point:** > 100 °C

· **Ignition temperature:** 200 °C

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

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

##### · Explosion limits:

· **Lower:** Undetermined.  
 · **Upper:** Undetermined.

· **Vapour pressure:** Undetermined.

· **Density at 20 °C:** 0.97 g/cm<sup>3</sup>

##### · Solubility in / Miscibility with water:

Insoluble.

##### · Solvent content:

· **VOC (EC)** 0.00 %

· **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

#### · 10.1 Reactivity

#### · 10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

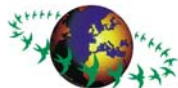
· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** 2-butanonoxim

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### SECTION 11: Toxicological information

#### · 11.1 Information on toxicological effects

##### · Acute toxicity:

##### · LD/LC50 values relevant for classification:

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

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

##### 96-29-7 2-butanone oxime

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

##### · Primary irritant effect:

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** 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

### SECTION 12: Ecological information

#### · 12.1 Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 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.

##### · 12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

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

##### · European waste catalogue

08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances
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##### · Uncleaned packaging:

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

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### SECTION 14: Transport information

· <b>14.1 UN-Number</b> · ADR, ADN, IMDG, IATA	Void
· <b>14.2 UN proper shipping name</b> · ADR, ADN, IMDG, IATA	Void
· <b>14.3 Transport hazard class(es)</b> · ADR, ADN, IMDG, IATA · Class	Void
· <b>14.4 Packing group</b> · ADR, IMDG, IATA	Void
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

### SECTION 15: Regulatory information

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 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**

- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H351 Suspected of causing cancer.

- 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.
- R65 Harmful: may cause lung damage if swallowed.

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

- **Contact:** Mr. C.J.A. Timmermans

- **\* Data compared to the previous version altered.**