



Safety Data Sheet

according to 1907/2006/EC, Article 31

Date: 09.12.2010

Replaces: 12.11.2009

Ref: 0230.1.DB/DR

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

- **Product details**
- **Trade name:** A ONE LMN CLEAR
- **Article number:** O33
- **Application of the substance / the preparation** Sealant
- **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
- **Information in case of emergency:**
info@siroflex.co.uk
Tel.: 01226 771600

2 Hazards identification

- **Hazard description:**



Xn Harmful

- **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.
R 40 Limited evidence of a carcinogenic effect.
R 43 May cause sensitisation by skin contact.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

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

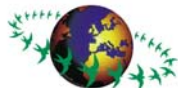
- **Dangerous components:**

CAS: 64742-46-7 EINECS: 265-148-2	Distillates (petroleum), hydrotreated middle Xn; R 65	30-60%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime Xn, Xi; R 21-40-41-43	1-5%

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

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4 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:** 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.

5 Fire-fighting measures

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

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

6 Accidental release measures

· **Person-related safety precautions:** Ensure adequate ventilation

· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/collecting:**

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

· **Additional information:** See Section 8 for information on personal protection equipment.

7 Handling and storage

· **Handling:**

· **Information for safe handling:** Use only in well ventilated areas.

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

· **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.

8 Exposure controls/personal protection

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

· **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.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

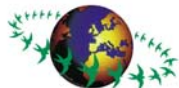
Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

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· 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.

· 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

9 Physical and chemical properties

· General Information

Form:	Pasty
Colour:	Various colours
Odour:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: > 301°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: 0.95 g/cm³

· Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· pH-value: Undetermined.

· Solvent content:

VOC (EC) 0.00 %

VOC (EC) g/l

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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** 2-butanonoxim

11 Toxicological information

- **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:** No irritant effect.
- **on the eye:** No 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
- **Sensitisation** May cause sensitisation by skin contact.

12 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.

13 Disposal considerations

- **Product:**

- **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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14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- Maritime transport IMDG:
- IMDG Class: -
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **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.
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.

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 R-phrases**
21 Harmful in contact with skin.
40 Limited evidence of a carcinogenic effect.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.
65 Harmful: may cause lung damage if swallowed.
- **Department issuing MSDS:** Product safety department.
- **Contact:** Mr. C.J.A. Timmermans