

## SAFETY DATA SHEET

<b>Productname:</b>	<b>LOXEAL 18-10/83-54</b>
Productregistrationnumber:	-
Application:	18-10: Thread sealant (sealing of thread joints) 83-54: Thread retaining (locking/retaining of nuts, bolts, screws a.o.t.)
Date:	14.11.2007



## 2. Composition/information on ingredients:

Contains a.o.t.	EINECS-no:	CAS-no.	Weight-%	Classification
Methacrylat	-	-	>10	Xi;R36/37/38
2-Hydroxypropyl methacrylat	248-666-3	27813-02-1	1-<20	Xi;R36 R43
Hydroxyethylmethacrylat	212-782-2	868-77-9	1-<20	Xi;R36/38 R43
Alfa-hydroperoxicumen	201-254-7	80-15-9	1	O;R7 Xn;R21/22-48/20/22 T;R23 C;R34 N;R51/53

## 3. Hazard identification:

The product is classified as dangerous with Xi;R36/37/38-43  
The product is strongly irritating at contact with the skin, eyes and respiratory organs.  
The product contains acrylats, which can cause allergic eczema at skin contact.

## 4. First aid measures:

### Inhalation:

Seek fresh air. If discomfort continues, get medical attention.

### Skincontact:

Rinse the skin in plenty water and soap. After rinsing smear the skin with a fat cream. If irritation continues, get medical attention.

### Eyecontact:

Rinse the wide open eye with plenty of water for at least 15 min. If irritation continues, get medical attention.

### Ingestion:

Avoid if possible vomiting. Let the injured drink water or milk and get medical attention immediately.

## 5. Fire-fighting measures:

The product is not inflammable, but can burn.

The product must as far as possible be removed from fire threatened areas. Fire must be put out with carbonic acid, foam, powder or water fog.

## 6. Accidental release measures:

At release to the outer environment the fire authorities are to be contacted. Bigger quantities of release are covered up/absorbed with sand or other absorbing material. Afterwards this is to be treated as garbage. See also pt. 8 and 13.  
Avoid the product in the drain.

## 7. Handling and storage:

Make sure that there is a good ventilation, when working with the product.

Avoid skin- and eye contact. If skin contact cannot be avoided, protective gloves can be used. See pt. 8.

Remove polluted working clothes immediately.

The product is to be stored in closely packed original packing on a dry and well-ventilated place. The product must be stored under 28°C. Avoid sunlight.

Fire risk class: -

## 8. Exposure control and personal protection:

The following substances, which are under obligation to be reported, have a threshold limiting value:

Siliciumdioxid, amorph	5 mg/m <sup>3</sup>
Siliciumdioxid, amorph, respirable	2 mg/m <sup>3</sup>

The following personal protection devices is recommended, if necessary:

Respirator: -

Gloves: 4H or PVA

Eye protection: - Safety goggles

## 9. Physical and chemical properties:

Appearance:	Viscous liquid	Solubility in water:	indissoluble
Odour:	-	Spreading coefficient: n-octanol/water:	-
pH:	4-6	Flash point:	>100°C
Boiling point:	-	Spontaneous ignition temperature:	>380 °C
Melting point:	-	Explosive properties:	-
Steam pressure (20°C):	< 5mbar	Viscosity:	-
Specific gravity:	1,0-1,1 kg/l	Others:	-

-: Means no data or no relevance

## 10. Stability and reactivity:

Avoid contact with strong oxidation- and reducing agent.

Poisonous gasses can be liberated at fire (e.g. carbon monoxide).

## 11. Toxicological information:

### Inhalation:

Inhalation of steam from the product is strongly irritating for the respiratory organs. Inhalation of large quantities of steam from the product can cause headache, nausea and general discomfort.

### Skincontact:

The product effects strong irritation at contact with the skin. Repeated or continued influence causes risk of non-allergic eczema due to the de-greasing effect of the product. The product contains components that may cause allergy at skin contact

### Eye contact:

The product leads to strong irritation at contact with the eyes.

### Ingestion:

Ingestion can cause nausea, discomfort and perhaps vomiting. See also "Inhalation".

## 12. Ecological information:

Dangerousness in the water environment: Alfa-hydroperoxicumen is poisonous for organisms, which exist in water and can cause undesirable long-term effects in the water environment acc. to the Miljø- og Energiministeriets rules. For other ingredients there are no sufficient data for an environmental classification.

Dangerousness for other ecological systems: no adequate data.

## 13. Disposal:

EAK-code: 08 04 09. The product is considered as hazardous waste. Waste must be disposed of in compliance with the waste regulations of the local authorities.

At disposal to Kommunekemi state chemicalwaste group: H

At transport: see point 14.

## 14. Transport information:

The product is not considered as dangerous goods at transportation.

## 15. Regulation information:

Danger labelling.

Contains: 2-Hydroxypropyl methacrylat og  
Hydroxyethylmethacrylat  
Irritates the eyes, respiratory organs and the skin (R36/37/38)  
May cause allergy at skin contact (R43)  
Avoid contact with skin and eyes (S24/25)  
With eye contact, rinse immediately with plenty of water and  
get medical attention.(S26)  
If substance get in touch with the skin wash immediately with  
plenty of water and soap.(S28)  
Use adequate safety gloves and safety goggles/face shield  
during work (S37/39)



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Application restriction: Not to be used by people under the age of 18 (apprentices excepted)

Demands for special education: None

Special notice: None

## 16. Other information:

The following items have been changed: Item 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15 and 16.

Text for R-sentences mentioned in item. 2 and 3:

- R7: May cause fire
- R20/21/22: Dangerous at inhalation, at skin contact and at ingestion.
- R23: Toxic at inhalation.
- R34: Risk of cauterizing
- R36/37/38: Irritates eyes, respiratory organs and skin.
- R43: May cause allergy at skin contact.
- R48: Serious danger to the health at exposure during longer time.
- R51/53: Toxic for water living organisms. May cause unwanted long term effects in the water environment.

The product may only be used by skilled personnel who have knowledge to this M.S.D.S.