

# VULKAN INDUSTRIES LTD.

Archer Road, Armytage Road Industrial Estate, Brighouse, West Yorkshire. HD6 1XF  
Phone: ++44 (0)1484 712273 Fax: ++ (0)1484 721376 e-mail: info@vulkan.co.uk  
Website: www.vulkan.co.uk



## Safety data-sheet (91/155 EEC)

### 1. Chemical product and company identification

**Product** LOKPREP 61

**Manufacturer/distributor** Vulkan Industries Ltd  
Archer Rd, Armytage Rd Indus Est.  
Brighouse, West Yorkshire  
HD6 1XF  
Phone +44(0)1484 712273

**Enquiries in case of emergency:** Tel.: 0 23 25/9 22-0 Telefax: 0 23 25/5 12 22

### 2. Composition, information on ingredients

**Chemical characterization:** anaerobic tightening and glueing material based on Di-Methacrylateester.

CAS-Nr.	Ingredients	%		Gs.	R-Sets
27813-02-1	Hydroxypropylmethacrylate	<50	Xi	36/38	

**Additional advices:** n.a.

### 3. Hazards identification

**Irritation:**  
eye irritant, skin irritant

### 4. First aid measures

**General advice** Change soaked clothing immediately.

**After Inhalation** In case of being unwell bring patient to the fresh air. In case of problems, obtain medical attention.

**After skin contact** Wash with soap and water.

**After eye contact** Flush eyes with open eyelid for at least 15 minutes, and obtain medical aid.

**After ingestion** Induce vomiting and obtain medical aid.

**Advice for the doctor** n.a.

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### 5. Fire fighting measures

**Recommended extinguishing agents**

Carbon dioxide, water, extinguishing powder, alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents**

full water jet

**Special danger by the material, its products or vapors formed by fire**

Do not inhale vapors!

**Special fire fighting protection equipment**

Wear breath protection.

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### 6. Accidental release measures

**Caution in case of persons** Avoid eye and skin contact.

**Environment protection** Do not put in the waste, surface water drain or ground water.

**Steps to be taken in case of spill or leak** Small amounts soak up with soap and water. Larger amounts absorb on sand. Both to be disposed of as special waste acc. to pt. 13. Clean place of leakage thoroughly with soap and water.

**Additional advice** No dangerous materials are being released.

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### 7. Handling and storage

**Advices for safe handling** Take safety precautions applicable when working with chemicals. Take care of a clean working place. Avoid eye and skin contact. Do not use the product as aerosole.

**Advices for fire and explosion protection** n.a.

**Storage** Store product in original container, do not return product remainders into the original container; store between a temperature of +6°C - +22°C.

**Advice for storage combinations** n.a.

**VbF class** n.a.

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### 8. Exposure controls and personal protection

**Additional advices for the layout of technical equipment:**

n.a.

**Ingredients with workplace-related limit values which have to be controlled:**

CAS-No.	Description	Kind	Value	Unit
The product does not contain relevant quantities of workplace-related limit values which have to be controlled.				

**General protection and hygiene measures:**

Do not eat, drink or smoke while working with this product.  
Do not store food near to the product.  
After working with the product, wash hands with soap and water and lubricate.

**Personal protection equipment:**

Breath protection: n.a.  
Skin protection: Use gloves or skin protective cream.  
Eye protection: Use safety glasses or goggles.

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### 9. Physical and chemical properties

Appearance:

Form	Colour	Odour
Liquid gas	green	acrylic

**Data relevant to safety:**

Form changes:  
Possible flocking out of some components at < -10°C, but no hardening. Boiling point cannot be set as material polymerizes under strong heat.

	Value	Unit	Method
Flash point	> 100	°C	
Priming temperature	> 300	°C	
Explosion limit	UEG	n.a.	
	OEG	n.a.	
Vapor pressure (25°C)	<1,5	hPa	DIN 51 616
Density (25°C)	1,08	g/cm <sup>3</sup>	DIN 51 757
Solubility in water	cannot resp. not much be mixed with water		
pH value	approx.	7,0	
Viscosity <sub>80 to 100</sub>		mPas	Brookfield
Dissolvant	none		

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### 10. Stability and reactivity

Conditions to be avoided	Temperatures above 25°C as well as vacuum.
Materials to be avoided	Peroxides, strong reduction materials.
Hazardous decomposition products	None when used correctly; with temperatures above 200°C small amounts of nitro- or sulphur oxides, nitroic vapors.

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### 11. Toxicological information

#### Acute toxicity (preparation) classified with relevant LD/LC50 values

LD50 (oral, rat) >2.000 mg/kg  
LD50 (dermal, rabbit) >2.000 mg/kg

#### Irritation:

skin irritant  
eyes irritant  
sensitivity none

Effects producing cancer, changing hereditary properties and endangering propagation  
no data available

Other data n.a.  
Observations relevant to classification no data available  
Other observations n.a.

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### 12. Ecological information

#### General information

acc. to omn judgement hazardous to water (class 2). Do not drain into ground or waste water.

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### 13. Disposal consideration

#### Liquid product

Special waste deposit, special waste combustion, Code No. 55 905, "glue and adhesives, non hardened", waste to be proven.

**Hardened product** industrial waste  
**Uncleaned packing material**

Special waste deposit, special waste combustion, Code No. 57 127 "Plastic container with dangerous remainders".

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### 14. Transport information

The product is **not** classified as dangerous goods for any mode of transport.

#### Ground transport ADR/RID and GGVS/GGVE (cross-border inland):

Class: Number:  
Hazard-No.: Material No.:  
Description: Note:

#### Inland navigation transport ADN/ADNR :

Class: Number: Category:  
Description: Note:

#### Shipment by sea IMDG/GGVSee

Class: UN-No.: Page:  
EMS-No.: MFAG:  
Marine pollutant: no  
Technical name: Note:

#### Air transport ICAO and IATA-DGR

Class: UN/ID-No.:  
Technical name:  
Note:

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### 15. Regulatory information

Typification acc. to CE regulations Xi-irritant

Hazard-relevant components for labelling: Hydroxypropylmethacrylate,  
Polypropylenglykolmonomethacrylate

R-sets 36/38 irritates eyes and skin.

S-sets

26 After eye contact flush eyes with lots of water and obtain medical aid.

28 After skin contact immediately wash with lots of water and soap.

37/39 During work wear suitable gloves and safety glasses/face mask.

Special typification of particular preparations n.a.

Classification acc. to VbF n.a.

Technical Instructions Air Class II, Portion : 0%

Waterpollution

Other regulations

Acc. to own judgement hazardous to water - class 2 (WGK 2)

Regulations for protection against accidents VBG 81 " Working with adhesives".

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### 16. Other information

n.a.= not applicable

A.m. date based on our actual knowledge. They do not assure product properties and do not establish a contractual legal relation.

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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.  
No responsibility.