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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision: 18.05.2009 Replaces the version of: 07.06.2004 PDF date: 27.05.2010
Lokprep 65 15 ml Art.: 8PE 351 231-081

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Lokprep 65 15 ml
Art.: 8PE 351 231-081

Use of the substance/preparation

Adhesive

Company/undertaking identification

Hella KGaA Hueck & Co, Rixbecker Str. 75, D-59552 Lippstadt
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www.hella.de

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.:
+49 228 / 19240

Telephone number of the company in case of emergencies:

Tel. +49 (0) 2941 38 1562

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.
Preparation is classified as hazardous in the sense of directive 1999/45/EC.
Irritation of the eyes
Irritation of the respiratory tract
Irritation of the skin.
May cause sensitization by skin contact.

To the environment

See point 12.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Symbol	Chemical name	EINECS, ELINCS
content %	Registration number (ECHA)	Classification categories / Indications of danger:	

hydroxypropyl methacrylate (isomers mixture)			
30 - 50	Xi	36-43 Irritant, Sensitizing	248-666-3

Chemical name	Symbol	Chemical name	EINECS, ELINCS
content %	Registration number (ECHA)	Classification categories / Indications of danger:	

Polypropylene glycol monomethacrylate			
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30 - 50	---	52-53	
		Dangerous for the environment	

Chemical name			
content %	Symbol	Chemical name	EINECS, ELINCS
	Registration number (ECHA)	Classification categories / Indications of danger:	

Methacrylic acid			
1 -< 5	Xn/C	21/22-35	201-204-4
		Corrosive, Harmful	

Chemical name			
content %	Symbol	Chemical name	EINECS, ELINCS
	Registration number (ECHA)	Classification categories / Indications of danger:	

alpha-alpha-dimethylbenzyl hydroperoxide			
0,1 -< 1	O/T/Xn/C/N	7-23-21/22-48/20/22-34-51-53	201-254-7
		Corrosive, Dangerous for the environment, Harmful, Oxidizing, Toxic	

For complete wording of the R-phrases / H-phrases (GHS/CLP), refer to point 16.

4. FIRST AID MEASURES

4.1 Inhalation

Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

4.2 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.4 Ingestion

Rinse the mouth thoroughly with water.
Give copious water to drink - consult doctor immediately.
Keep Data Sheet available.

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water jet spray/foam/CO2/dry extinguisher

5.2 Extinguishing media which shall not be used for safety reasons

n.c.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply.

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES



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Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Ensure sufficient supply of air.
Avoid inhalation, and contact with eyes or skin.
Do not carry cleaning cloths soaked in product in trouser pockets.
If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.
Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Wash hands before breaks and at end of work.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.
Produkt sollte nicht bei Verbindungsteilen verwendet werden, die mit reinem Sauerstoff oder Dampf in Kontakt kommen.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.
Store product closed and only in original packing.

Special storage conditions:

See point 10
Protect against moisture and store closed.
Store cool

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Methacrylic acid	Content %:1 -<
WEL-TWA: 20 ppm (72 mg/m3)	WEL-STEL: 40 ppm (143 mg/m3)	5
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-terme exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Respiratory protection: Normally not necessary.
If OES or MEL is exceeded.

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Filter A P 3 (EN 14387)

Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Protective Viton gloves (EN 374)

Protective nitrile gloves (EN 374)

Protective hand cream recommended.

Unsuitable material:

Cotton gloves

Eye protection:

Tight fitting protective goggles with side protection (EN 166).

According to operation.

Face protection (EN 166)

Skin protection:

Protective working garments (e.g. safety shoes EN ISO 20345,
long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates
and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics
and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance
so it has to be tested before use. The exact breakthrough time of the glove material can be
requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical state:

Liquid

Colour:

Green

Odour:

Characteristic

9.2. Important health, safety and environmental information

pH-value undiluted: n.av.

Boiling point/boiling range (°C): n.a.

Melting point/melting range (°C): n.av.

Flash point (°C): > 100

Minimum limit of explosion: n.a.

Maximum limit of explosion: n.a.

Density (g/ml): 1,05

Water solubility: Insoluble

Viscosity: ~ 1000 mPas

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Contact with oxygen

Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Reducing agent

Radical former (Initiators)

Metals

Metal salts

Hazardous decomposition products

See point 5.3

11. TOXICOLOGICAL INFORMATION



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Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	k.D.v., See point 15.
Skin contact, LD50 rat dermal (mg/kg):	k.D.v., See point 15.
Eye contact:	Irritant

Delayed and chronic effects

Sensitization:	Yes (skin contact)
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

Classification according to calculation procedure.

12. ECOLOGICAL INFORMATION

Persistence and degradability:

Not readily biodegradable

Behaviour in sewage plants:

According to the recipe, contains no AOX.

Aquatic toxicity:	n.av.
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Ecological toxicity:	n.av.
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Mobility:	n.av.
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Accumulation:	n.av.
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Results of PBT assessment

n.av.

Other adverse effects:	n.av.
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13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Empty container completely.

Untamminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. TRANSPORT INFORMATION

General statements

UN-Number:	n.a.
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Road/Rail-transport (ADR/RID)

Class/packing group:	n.a.
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Classification code:	n.a.
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LQ:	n.a.
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Tunnel restriction code:

Transport by sea

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IMDG-code: n.a. (class/packing group)
Marine Pollutant: n.a.
Transport by air
IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)



Symbols: Xi
Indications of danger: Irritant
R-phrases:
36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitization by skin contact.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases:
(2) Keep out of the reach of children.
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
35 This material and its container must be disposed of in a safe way.
37 Wear suitable gloves.
(46) If swallowed, seek medical advice immediately and show this container or label.
Additions:
hydroxypropyl methacrylate (isomers mixture)
Observe restrictions: Yes
Observe youth employment law (German regulation).
Regulation (EC) No 1907/2006, Annex XVII.
VOC 1999/13/EC < 5 g/l

16. OTHER INFORMATION

These details refer to the product as it is delivered.
Storage class VCI (Germany): 10/12
Revised points: 1 - 16 (REACH)
The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).
36 Irritating to eyes.
43 May cause sensitization by skin contact.
52 Harmful to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.
21/22 Harmful in contact with skin and if swallowed.
35 Causes severe burns.
7 May cause fire.
23 Toxic by inhalation.
48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
34 Causes burns.
51 Toxic to aquatic organisms.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked
WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40
AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)
VbF = Regulations for flammable liquids (Austria)
WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water
VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds
VwVwS = Administrative Order relating to substances hazardous to water (Germany)
The statements made here should describe the product with regard to the necessary safety precautions - they are



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not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by:

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