



SAFETY DATA SHEET

Page 1 of 4

LOKPREP 65G a 15ml

Revision 4
Revision date 7-Aug-2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name LOKPREP 65G a 15ml
Company VULKAN LOKRING Rohrverbindungen GmbH + Co. KG
Heerstr. 66
44653 Herne/Germany
Postfach 20 04 68
44634 Herne/Germany

Telephone +49 (0) 23 25/9 22-0
Fax +49 (0) 23 25/5 12 22
Intended use Adhesives and/or sealants.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

| | Conc. | CAS | EINECS | Symbols/Risk phrases |
|--|----------|------------|-----------|--|
| 2-Methylpropenoic acid (Methacrylic acid) | 1 - 3% | 79-41-4 | 201-204-4 | Xn; R21/22 C; R35 |
| Cumene hydroperoxide | 0.1 - 1% | 80-15-9 | 201-254-7 | O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51/53 |
| Hydroxypropyl Methacrylate | 25 - 50% | 27813-02-1 | 248-666-3 | Xi;R36 Xi;R43 |
| Polypropylene glycol monomethacrylate | 25 - 50% | 39420-45-6 | | R52/53 |

3. HAZARDS IDENTIFICATION

Main hazards Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Skin contact Wash with soap and water. If symptoms develop, obtain medical attention.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Get medical attention if irritation persists.
Inhalation Move the exposed person to fresh air. If symptoms develop, obtain medical attention.
Ingestion Treat symptomatically and supportively. If symptoms develop, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO₂) , dry chemical.
Fire hazards Burning produces irritating, toxic and obnoxious fumes. Carbon monoxide, carbon dioxide, and unknown hydrocarbons.
Protective equipment Wear: Self-contained breathing apparatus.

LOKPREP 65G a 15ml

Revision 4
Revision date 7-Aug-2006

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|--|
| Personal precautions | Surfaces contaminated with the product will become slippery. |
| Environmental precautions | Do not allow product to enter drains. |
| Clean up methods | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. |

7. HANDLING AND STORAGE

| | |
|---------------------|--|
| Storage | Keep in a cool, dry, well ventilated area. Avoid the absence of air, and metal contamination. |
| Specific use | This product is not recommended for use in joints which will be in contact with either pure oxygen or steam. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

| | | |
|--|--|---|
| 2-Methylpropenoic acid (Methacrylic acid) | WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: 40 | WEL 8-hr limit mg/m3: 72 WEL 15 min limit mg/m3: 143 |
|--|--|---|

| | |
|-------------------------------|--|
| Respiratory protection | Not normally required. |
| Hand protection | Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn. Gloves should conform to EN 374. |
| Eye protection | Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN 166 |
| Protective equipment | Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance. Wash before eating, drinking, or using toilet facilities. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|---------------------|
| Description | Liquid. |
| Colour | Green. |
| Odour | Slight. |
| Flash point | >100°C |
| Vapour pressure | <5mm Hg |
| Relative density | 1.05 |
| Water solubility | insoluble in water. |
| Viscosity | ~1000 mPa.s |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Stability | Stable. |
| Conditions to avoid | Avoid the absence of air, and metal contamination. |
| Materials to avoid | Metals and their salts, Reducing agents, Oxidizers, Free radical initiators. |
| Hazardous decomposition products | Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds. |

LOKPREP 65G a 15ml

Revision 4
Revision date 7-Aug-2006

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------------|--|
| Corrosivity | Irritating to eyes, respiratory system and skin. |
| Sensitization | May cause sensitisation by skin contact. |
| Mutagenic effects | None known . |
| Carcinogenic effects | None known . |
| Further information | The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale. |

12. ECOLOGICAL INFORMATION

| | |
|----------------------|---|
| Ecotoxicity | May cause long-term adverse effects in the aquatic environment. |
| Degradability | Not readily biodegradable. |


13. DISPOSAL CONSIDERATIONS

| | |
|------------------------------|--|
| General information | Waste disposal should be in accordance with existing Community, National and local regulations. |
| Disposal of packaging | Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied. |

14. TRANSPORT INFORMATION

| | |
|----------------------------|--|
| Further information | The product is not classified as dangerous for carriage. |
|----------------------------|--|

15. REGULATORY INFORMATION

| | |
|-------------------------|--|
| Symbols | Xi - Irritant  |
| Risk phrases | R36/37/38 - Irritating to eyes, respiratory system and skin. R43 - May cause sensitisation by skin contact. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Safety phrases | S24 - Avoid contact with skin. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 - Wear suitable gloves. |
| Product contains | Hydroxypropyl methacrylate. |

LOKPREP 65G a 15ml

Revision 4
Revision date 7-Aug-2006

16. OTHER INFORMATION**Text of risk phrases in Section 2**

R21/22 - Harmful in contact with skin and if swallowed.
R23 - Toxic by inhalation.
R34 - Causes burns.
R35 - Causes severe burns.
R36 - Irritating to eyes.
R43 - May cause sensitisation by skin contact.
R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R7 - May cause fire.

General information

Directives 1999/45/EC and 91/155/EEC have been considered when compiling this SDS. The information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.

Revision

This document differs from the previous version in the following areas:
9 - flash point.
9 - vapour pressure.
1 - intended use.
12 - ecotoxicity.
4 - ingestion.
6 - environmental precautions.