

Safety Data Sheet

LV74002 according to Regulation (EU) No. 1907/2006

VERIFIX UV adhesive LV 740

Print date : 16.06.2008

Product code : BOLV74010

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

Identification of the substance or preparation

VERIFIX UV adhesive LV 740

Use of the substance/preparation

adhesives

Company/undertaking identification

Company name : BOHLE AG
 Street : Dieselstr. 10
 Place : D-42781 Haan
 Telephone : 02129 5568-0
 e-mail : info@bohle.de
 Inquiry office : chemische Entwicklung

Telefax : 02129 5568 282

2. Hazards identification

Classification

Indications of danger : Corrosive, Irritant, Dangerous for the environment

R-phrases :

Causes severe burns.

Irritating to respiratory system.

May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The classification corresponds to the current EC listing, but is enhanced by specialised literature data and the Company's own information.

3. Composition/information on ingredients

Chemical characterization (preparation)
 Methacrylate/Acrylate resin(s).

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
227-561-6	5888-33-5	Isobornylacrylate	25-50 %	Xi, N R43-36/37/38-51/53
201-204-4	79-41-4	2-methylpropenoic acid, methacrylic acid	10-25 %	Xn, C R21/22-35
212-782-2	868-77-9	2-hydroxyethyl methacrylate	2,5-10 %	Xi R36/38-43
201-177-9	79-10-7	acrylic acid, prop-2-enoic acid	0-2,5 %	Xn, C, N R10-20/21/22-35-50

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Take off contaminated clothing and shoes immediately.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

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After ingestion

Clean mouth with water and drink afterwards plenty of water. Call a physician immediately.

5. Fire-fighting measures

Suitable extinguishing media

carbon dioxide (CO₂), dry powder, alcohol-resistant foam

Extinguishing media which must not be used for safety reasons

high volume water jet

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

Use personal protective equipment.

Environmental precautions

Local authorities should be advised if significant spillages cannot be contained.

Prevent product from entering drains.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

Ensure adequate ventilation.

7. Handling and storage

Handling

Advice on safe handling

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Keep away from direct sunlight. Provide sufficient air exchange and/or exhaust in work rooms.

Storage

Requirements for storage rooms and vessels

Store in original container.

Further information on storage conditions

Keep containers tightly closed in a cool, well-ventilated place.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
79-10-7	Acrylic acid (OLD)	10	30		TWA (8 h)	OES
		20	60		STEL (15 min)	OES
79-41-4	Methacrylic acid	20	72		TWA (8 h)	WEL
		40	143		STEL (15 min)	WEL

Exposure controls

Occupational exposure controls

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Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Polyvinyl alcohol or nitrile- butyl-rubber gloves

Eye protection

tightly fitting safety goggles

Skin protection

impervious clothing

9. Physical and chemical properties

General information

Physical state : liquid
 Colour : clear
 Odour : characteristic

Important health, safety and environmental information

	Test method
pH-Value (at 20 °C) :	1-2
Changes in the physical state	
Flash point :	65 °C
Explosive properties	
Not explosive	
Density (at 20 °C) :	ca. 1 g/cm ³
Water solubility :	immiscible
Viscosity / dynamic : (at 20 °C)	80 mPa·s
Solvent content	
0%	

Other information

does not ignite

10. Stability and reactivity

Conditions to avoid

No decomposition if stored and applied as directed.

Hazardous decomposition products

None reasonably foreseeable.

11. Toxicological information

Corrosive and irritant effects

Causes burns.

Sensitising effects

May cause sensitisation by skin contact.

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12. Ecological information

Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.

14. Transport information

Land transport (ADR/RID)

UN number : 1760
ADR/RID class : 8
Warning plate
Hazard-no. : 80
Hazard label : 8
ADR/RID packing group : III

Description of the goods

ÄTZENDER FLÜSSIGER STOFF, N.A.G.

15. Regulatory information

Labelling

Danger symbols : C - Corrosive; N - Dangerous for the environment



C - Corrosive

N - Dangerous for the environment

Hazardous component(s) to be indicated on label

Isobornylacrylate
2-methylpropenoic acid, methacrylic acid
2-hydroxyethyl methacrylate
acrylic acid, prop-2-enoic acid

R phrases

35 Causes severe burns.
37 Irritating to respiratory system.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
57 Use appropriate containment to avoid environmental contamination.
60 This material and its container must be disposed of as hazardous waste.

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- 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

National regulatory information**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

- 10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
21/22 Harmful in contact with skin and if swallowed.
35 Causes severe burns.
36/37/38 Irritating to eyes, respiratory system and skin.
36/38 Irritating to eyes and skin.
37 Irritating to respiratory system.
43 May cause sensitization by skin contact.
50 Very toxic to aquatic organisms.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)