

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
and ANSI Z400.1-2004

Trade name : glisseal HV

Revision : 06/23/2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

glisseal HV

1.2 Relevant identified uses of the substance or mixture and uses advised against

Grease for laboratory instruments

1.3 Details of the supplier of the safety data sheet

Manufacturer

Borer Chemie AG

Street : Gewerbestrasse 13

Postal code/city : 4528 Zuchwil

Telephone : +41 32 686 56 00

Telefax : +41 32 686 56 90

Information contact : product.safety@borer.ch

1.4 Emergency telephone number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No GHS Pictograms

Labelling (ANSI Z400.1-2004)

HMIS® III Color bar (USA)



HMIS - Health : NA (not applicable)

HMIS - Flammability : NA (not applicable)

HMIS - Physical Hazard : NA (not applicable)

HMIS - Personal Protection : NA (not applicable)

NFPA 704 Fire diamond (USA)



NFPA - Health : NA (not applicable)

NFPA - Flammability : NA (not applicable)

NFPA - Reactivity : NA (not applicable)

NFPA - Special : NA (not applicable)

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

None

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
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Trade name : glisseal HV

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Remove contaminated, saturated clothing immediately. Flush away with water and rinse.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

The product itself does not burn.

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet, foam, extinguishing powder.

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Fire generates toxic gases.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

See Chapter 7, 8 & 13

Safety Data Sheet
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Trade name : glisseal HV

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Measures to prevent fire

No anti-explosion measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

In full contact: Glove material: nitrile rubber Layer thickness: 0.4 mm Breakthrough time: > 480 Min. In splash contact: Glove material: nitrile rubber Layer thickness: 0.4 mm Breakthrough time: > 480 Min. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

Body protection

No special measures are necessary.

General health and safety measures

Keep away from food, drink and animal feeding stuff

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Paste

Colour : colourless, transparent

Odour : odourless

Safety relevant basis data

Melting point/melting range : not relevant

Boiling temperature/boiling range : (1013 hPa) > 300.00 °C

Decomposition temperature : > 290.00 °C

Flash point : > 200.00 °C

Ignition temperature : not determined

Lower explosion limit : none

Upper explosion limit : none

Density : (20 °C) 0.9 g/cm³

Solvent separation test : (20 °C) not relevant

Water solubility : (20 °C) insoluble

Safety Data Sheet

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Trade name : glisseal HV

pH value (solvent = demineralized water) :	(20 °C / 10 g/l)	not applicable	
log P O/W :		not applicable	
Flow time :	(20 °C)	not applicable	DIN-cup 4 mm
Viscosity :	(20 °C)		mPa.s
Evaporation rate :		not relevant	
Vapourisation rate :		not relevant	
Flammable solids :	Not fulfilling criteria for hazard class "Flammable Solids".		
Flammable gases :	Not applicable.		
Oxidising liquids :	Not applicable.		
Explosive properties :	Not explosive according to EU A.14.		

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions(See section 7).

10.2 Chemical stability

Thermal decomposition above 230 °C.

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
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No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Recycle according to official regulations.

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC) : 07 06 99

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Substances

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

Safety Data Sheet
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16.5 Relevant R-, H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
