

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

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

#### 1.1 Product identifier

Trade name : BYK-UV 3570  
UFI : N3H4-C04C-Q00G-MX9X  
Product code : 000000000000107244

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

Use of the Substance/Mixture : Surface Additive

#### 1.3 Details of the supplier of the safety data sheet

Company : BYK-Chemie GmbH  
Abelstrasse 45  
46483 Wesel  
Telephone : +49 281 670-0  
Telefax : +49 281 65735  
  
Information : Regulatory Affairs  
Telephone : +49 281 670-23532  
Telefax : +49 281 670-23533  
E-mail address : GHS.BYK@altana.com

#### 1.4 Emergency telephone number

Europe +44 1235 239670  
Middle East/Africa +44 1235 239671  
Americas +1 215 207 0061  
East/South East Asia +65 3158 1074  
(Local India: 000 800 100 7479)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|  |   |
|--|---|
| Skin sensitisation, Category 1                 | H317: May cause an allergic skin reaction.  |
| Long-term (chronic) aquatic hazard, Category 2 | H411: Toxic to aquatic life with long lasting effects.                                    |
| Persistent, bioaccumulative and toxic          | EUH440: Accumulates in the environment and living organisms including in humans.          |
| Very persistent and very bioaccumulative       | EUH441: Strongly accumulates in the environment and living organisms including in humans. |

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878





## BYK-UV 3570

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|                          |   |  |
|--------------------------|---|--|
| Hazard pictograms        | : |    |
| Signal word              | : | <b>Danger</b>  |
| Hazard statements        | : | <b>H317</b> May cause an allergic skin reaction.<br><b>H411</b> Toxic to aquatic life with long lasting effects.<br><b>EUH441</b> Strongly accumulates in the environment and living organisms including in humans.  |
| Precautionary statements | : | <b>Prevention:</b><br><b>P201</b> Obtain special instructions before use.<br><b>P202</b> Do not handle until all safety precautions have been read and understood.<br><b>P273</b> Avoid release to the environment.<br><b>P280</b> Wear protective gloves.<br><b>Response:</b><br><b>P391</b> Collect spillage.<br><b>Disposal:</b><br><b>P501</b> Dispose of contents/ container to an approved waste disposal plant. |

### Hazardous components which must be listed on the label:

- 84170-74-1 Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]-
- 540-97-6 dodecamethylcyclohexasiloxane
- 52408-84-1 Glycerol, propoxylated, esters with acrylic acid

### 2.3 Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

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Print Date: 31.03.2026

Chemical nature : Solution of an acrylfunctional polyester modified polydimethylsiloxane

### Components

| Chemical name   | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification   | Concentration<br>(% w/w)         |
|---|---|--|----------------------------------|
| Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]- | 84170-74-1  | Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411   | <b>&gt;= 25 - &lt; 30</b>        |
| dodecamethylcyclohexasiloxane   | 540-97-6<br>208-762-8                                 | PBT; EUH440<br>vPvB; EUH441  | <b>&gt;= 0,1 - &lt; 0,25</b>     |
| Glycerol, propoxylated, esters with acrylic acid  | 52408-84-1<br>01-2119487948-12                        | Eye Irrit. 2; H319<br>Skin Sens. 1; H317   | <b>&gt;= 0,1 - &lt; 0,25</b>     |
| octamethylcyclotetrasiloxane [D4]   | 556-67-2<br>209-136-7<br>01-2119529238-36             | Repr. 2; H361f<br>Aquatic Chronic 1;<br>H410<br>PBT; EUH440<br>vPvB; EUH441<br>Flam. Liq. 3; H226<br><br>M-Factor (Chronic aquatic toxicity): 10 | <b>&gt;= 0,0025 - &lt; 0,025</b> |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



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Version: 6.0  
SDB\_IS

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Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : May cause an allergic skin reaction.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.

### 6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

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respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : No data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

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| Substance name  | End Use   | Exposure routes | Potential health effects   | Value                                  |
|---|-----------|-----------------|--|--|
| Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]- | Workers   | Inhalation      |  | 11,75 mg/m <sup>3</sup>                |
|   | Workers   | Skin contact    |  | 0,117 mg/cm <sup>2</sup><br>3,33 mg/kg |
|   | Consumers | Inhalation      |  | 2,9 mg/m <sup>3</sup>                  |
|   | Consumers | Ingestion       |  | 1,67 mg/kg                             |
|   | Consumers | Skin contact    |  | 0,117 mg/cm <sup>2</sup><br>1,67 mg/kg |
| octamethylcyclotetrasiloxane [D4]   | Consumers | Oral            | Acute systemic effects, Long-term systemic effects   | 3,7 mg/kg                              |
|   | Consumers | Inhalation      | Acute systemic effects, Acute local effects, Long-term systemic effects, Long-term local effects | 13 mg/m <sup>3</sup>                   |
|   | Workers   | Inhalation      | Acute systemic effects, Acute local effects, Long-term systemic effects, Long-term local effects | 73 mg/m <sup>3</sup>                   |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

| Substance name  | Environmental Compartment                 | Value         |
|---|---|---------------|
| Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]- | Fresh water                               | 0,0027 mg/l   |
|   | Fresh water sediment                      | 0,1881 mg/kg  |
|   | Intermittent releases                     | 0,027 mg/l    |
|   | Marine water                              | 0,00027 mg/l  |
|   | Sewage treatment plant                    | 0,2 mg/l      |
|   | Soil                                      | 0,036 mg/kg   |
|   | Marine sediment                           | 0,01881 mg/kg |
| octamethylcyclotetrasiloxane [D4]   | Fresh water                               | 1,5 µg/l      |
|   | Marine water                              | 0,15 µg/l     |
|   | Fresh water sediment                      | 0,64 mg/kg    |
|   | Soil                                      | 0,84 mg/kg    |
|   | Sewage treatment plant                    | 10 mg/l       |
|   | Marine sediment                           | 0,064 mg/kg   |
|   | Hazard for predators: secondary poisoning | 41 mg/kg      |

## 8.2 Exposure controls

### Personal protective equipment

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

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|                          |   |  |
|--------------------------|---|--|
| Eye/face protection      | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles  |
| Hand protection          | : |  |
| Material                 | : | Nitrile rubber   |
| Glove thickness          | : | > 5 mm   |
| Remarks                  | : | The suitability for a specific workplace should be discussed<br>with the producers of the protective gloves.                             |
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and<br>concentration of the dangerous substance at the work place. |

### Environmental exposure controls

|                |   |  |
|----------------|---|--|
| General advice | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform<br>respective authorities. |
|----------------|---|--|

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |  |
|--|---|--|
| Physical state                                   | : | liquid   |
| Colour   | : | yellow   |
| Odour  | : | acrylic-like   |
| Odour Threshold                                  | : | No data available  |
| Melting point/freezing point                     | : | < 0 °C<br>Method: derived  |
| Initial boiling point and boiling range          | : | > 200,00 °C<br>Decomposition: Decomposes below the boiling point.<br>Method: derived |
| Upper explosion limit / Upper flammability limit | : | No data available  |
| Lower explosion limit / Lower flammability limit | : | No data available  |
| Flash point                                      | : | 82 °C<br>Method: 49 (Pensky-Martens)   |
| Auto-ignition temperature                        | : | > 200 °C<br>Method: DIN 51794  |
| Decomposition temperature                        | : | No data available  |

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according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

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|  |   |   |
|--|---|---|
| pH                                     | : | 7 (20 °C)<br>Concentration: 1 %<br>Method: Universal pH-value indicator               |
| Viscosity                              | : |   |
| Viscosity, dynamic                     | : | No data available   |
| Solubility(ies)                        | : |   |
| Water solubility                       | : | immiscible  |
| Solubility in other solvents           | : | No data available   |
| Partition coefficient: n-octanol/water | : | No data available   |
| Vapour pressure                        | : | < 1 hPa (20,00 °C)<br>Method: derived   |
| Relative density                       | : | No data available   |
| Density                                | : | 1,0700 g/cm <sup>3</sup> (20,00 °C, 1.013 hPa)<br>Method: 4 (20°C oscillating U-tube) |
| Relative vapour density                | : | No data available   |

### 9.2 Other information

|                        |   |                     |
|------------------------|---|---------------------|
| Flammability (liquids) | : | Sustains combustion |
| Evaporation rate       | : | No data available   |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified due to lack of data.

#### Product:

Acute oral toxicity : Remarks: No data available

#### Components:

#### **Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]-]:**

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute inhalation toxicity : LC50 (Rat, male and female): 2 mg/l  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Product:

Remarks : May cause skin irritation and/or dermatitis.

#### Components:

#### **Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]-]:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation  
GLP : yes

#### Serious eye damage/eye irritation

Not classified due to lack of data.

#### Product:

Remarks : Vapours may cause irritation to the eyes, respiratory system

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

and the skin.

### Components:

#### **Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]-]:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation  
GLP : yes

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

May cause an allergic skin reaction.

#### **Respiratory sensitisation**

Not classified due to lack of data.

### Product:

Remarks : Causes sensitisation.

### Components:

#### **Poly[oxy(methyl-1,2-ethanediyl)], a,a'-(2,2-dimethyl-1,3-propanediyl)bis[w-[(1-oxo-2-propenyl)oxy]-]:**

Test Type : Mouse Local Lymph Node assay (LLNA)  
Exposure routes : Dermal  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : Causes sensitisation.  
GLP : yes

#### **octamethylcyclotetrasiloxane [D4]:**

Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Does not cause skin sensitisation.  
GLP : yes

### **Germ cell mutagenicity**

Not classified due to lack of data.

### Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

### **Carcinogenicity**

Not classified due to lack of data.

#### **Product:**

Remarks : No data available

### **Reproductive toxicity**

Not classified due to lack of data.

#### **Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### **STOT - single exposure**

Not classified due to lack of data.

#### **Product:**

Remarks : No data available

### **STOT - repeated exposure**

Not classified due to lack of data.

#### **Product:**

Remarks : No data available

### **Repeated dose toxicity**

#### **Product:**

Remarks : No data available

### **Aspiration toxicity**

Not classified due to lack of data.

#### **Product:**

No data available

## **11.2 Information on other hazards**

### **Endocrine disrupting properties**

Not classified due to lack of data.

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

### Further information

#### Product:

Remarks : No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : Remarks: No data available

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: No data available

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

#### Components:

##### **dodecamethylcyclohexasiloxane:**

Assessment : Persistent, Bioaccumulative and Toxic (PBT).  
: Very persistent and very bioaccumulative (vPvB).

##### **octamethylcyclotetrasiloxane [D4]:**

Assessment : Persistent, Bioaccumulative and Toxic (PBT).  
: Very persistent and very bioaccumulative (vPvB).

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

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SDB\_IS

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Date of last issue: 12.08.2024  
Print Date: 31.03.2026

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR : UN 3082  
IMDG : UN 3082  
IATA : UN 3082

### 14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Propoxylated Neopentyl Glycol Diacrylate)

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Propoxylated Neopentyl Glycol Diacrylate)

IATA : Environmentally hazardous substance, liquid, n.o.s.  
(Propoxylated Neopentyl Glycol Diacrylate)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
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Date of last issue: 12.08.2024  
Print Date: 31.03.2026

### 14.3 Transport hazard class(es)

**ADR** : 9  
**IMDG** : 9  
**IATA** : 9

### 14.4 Packing group

**ADR**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : -

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Remarks : IMDG Code segregation group - none

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous Dangerous Goods

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous Dangerous Goods

### 14.5 Environmental hazards

**ADR**  
Environmentally hazardous : yes

**IMDG**  
Marine pollutant : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

Date of last issue: 12.08.2024  
Print Date: 31.03.2026

---

### SECTION 15: Regulatory information

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

- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:  
Number on list 3  
  
Number on list 20: dibutyltin dilaurate, tributyltin compounds  
  
Number on list 70:  
dodecamethylcyclohexasiloxane  
  
Number on list 75: If you intend to use this product as tattoo ink, please contact your vendor.
- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : dodecamethylcyclohexasiloxane
- REACH - List of substances subject to authorisation (Annex XIV) : Not applicable
- Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS

#### 15.2 Chemical safety assessment

Not applicable

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### SECTION 16: Other information

Items where relevant changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

#### Full text of H-Statements

- EUH440 : Accumulates in the environment and living organisms including in humans.  
EUH441 : Strongly accumulates in the environment and living organisms including in humans.  
H226 : Flammable liquid and vapour.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## BYK-UV 3570

Version: 6.0  
SDB\_IS

Revision Date: 24.03.2026

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Print Date: 31.03.2026

H361f : Suspected of damaging fertility.  
H410 : Very toxic to aquatic life with long lasting effects.  
H411 : Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Irrit. : Eye irritation  
Flam. Liq. : Flammable liquids  
PBT : Persistent, bioaccumulative and toxic  
Repr. : Reproductive toxicity  
Skin Sens. : Skin sensitisation  
vPvB : Very persistent and very bioaccumulative

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

|                   |        |
|-------------------|--------|
| Skin Sens. 1      | H317   |
| Aquatic Chronic 2 | H411   |
| PBT               | EUH440 |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |

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vPvB

EUH441

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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