

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 03-Jan-2020

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

1.1. Product identifier

Product Name UV light Glue
REACH registration number No information available

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

Recommended Use Used for repairing metal, wood products, plastic, glass materials.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier HUZHOU GUONENG NEW MATERIAL CO.,LTD
Address NO.1-4#,1518MENGXI ROAD,HUZHOU,ZHEJIANG,CHINA
Postal Code 313000
Phone +86-18555603780
FAX +86-572-2352225
E-mail sales@visbella.com

1.4. Emergency telephone number

+86-572-2352225

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation Category 2 - (H315)
Serious eye damage/eye irritation Category 2 - (H319)
Skin sensitization Category 1 - (H317)
Specific target organ toxicity (single exposure) Category 3 - (H335)

2.2. Label elements

Symbols/Pictograms



Signal word

Warning

Hazard Statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction
H335 - May cause respiratory irritation

Precautionary Statements

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P321 - Specific treatment (see supplemental first aid instructions on this label)
P271 - Use only outdoors or in a well-ventilated area
P501 - Dispose of contents/ container to an approved waste disposal plant

EU Specific Hazard Statements None.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Mixture

| Chemical Name | EC No | CAS No | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|-----------|------------|----------|---|
| Poly(oxy-1,2-ethanediyl), α -hydr o- ω -hydroxy- Ethane-1,2-diol, ethoxylated | 500-038-2 | 25322-68-3 | 40-50 | STOT Single Exp. 3 H335 |
| Acrylic resin | 618-347-7 | 9003-01-4 | 30-40 | Not classified |
| 2-Hydroxyethyl methacrylate | 212-782-2 | 868-77-9 | 15-20 | Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 |
| 1-Propanone, 2-hydroxy-2-methyl-1-phenyl- | 231-272-0 | 7473-98-5 | 1-5 | Acute Tox. 4 H302 Aquatic Chronic 3 H412 |

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

Self-protection of the first aider

First aider: Pay attention to self-protection. Use personal protection recommended in Section 8.

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

Irritating to eyes, skin and respiratory tract. May cause an allergic skin reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

CO₂, dry chemical, dry sand, alcohol-resistant foam.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

6.4. Reference to other sections

See Section 7 for more information

See section 8 for more information

See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Take precautionary measures against static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use personal protection recommended in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep locked up and out of reach of children. Store in accordance with local regulations.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Chemical Name | Australia | Austria | Belgium | Denmark | European Union |
|---|-----------|--|---------|---------|----------------|
| Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-Ethane-1,2-diol, ethoxylated (CAS #: 25322-68-3) | - | STEL 4000 mg/m ³ TWA: 1000 mg/m ³ | - | - | - |

| Chemical Name | Latvia | France | Finland | Germany | Italy |
|---------------|--------|--------|---------|---------|-------|
| | | | | | |

| | | | | |
|---|---|---|---|---|
| Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-Ethane-1,2-diol, ethoxylated (CAS #: 25322-68-3) | - | - | TWA: 1000 mg/m ³ Ceiling / Peak: 8000 mg/m ³ | - |
|---|---|---|---|---|

| Chemical Name | Norway | United Kingdom | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--|----------------|-----------|----------|------------|
| 2-Hydroxyethyl methacrylate (CAS #: 868-77-9) | TWA: 2 ppm TWA: 11 mg/m ³ STEL: 2 ppm STEL: 11 mg/m ³ | - | - | - | - |

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering Controls

Showers. Eyewash stations. Ventilation systems. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

| | |
|--------------------------|---|
| Eye/face protection | Wear safety glasses with side shields (or goggles). |
| Hand Protection | Wear protective gloves. |
| Skin and body protection | Suitable protective clothing. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| Thermal hazards | None under normal processing |

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------------|------------------------|
| Appearance | Transparent liquid |
| Color | Clear |
| Odor | Odorless |
| Odor Threshold | Not determined |
| pH | 5.9~6.7 |
| Melting point/freezing point | Not determined |
| Boiling point / boiling range | >200°C |
| Flash point | >105°C |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not determined |
| Explosive limits | Not determined |
| Flammability Limit in Air | Not determined |
| Vapor Pressure | Not determined |
| Vapor density | Not determined |
| Density | 1.25 g/cm ³ |
| Relative density | Not determined |
| Partition coefficient (LogPow) | Not determined |
| Autoignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Kinematic viscosity | Not determined |
| Dynamic viscosity | Not determined |

Explosive properties
Oxidizing properties

Not an explosive
Not determined

9.2. Other information
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|--|---|-----------------|
| Poly(oxy-1,2-ethanediyl), α -hydr o- ω -hydroxy- Ethane-1,2-diol, ethoxylated (CAS #: 25322-68-3) | 22 g/kg (Rat) 28 g/kg (Rat) | > 20 g/kg (Rabbit) > 20 mL/kg (Rabbit) | - |
| Acrylic resin (CAS #: 9003-01-4) | 10250 mg/kg (rat, carbomer 910) 4100 mg/kg (rat, carbomer 943) | 3 g/kg (rat, carbomer 910) | 1.71 mg/L (rat) |
| 2-Hydroxyethyl methacrylate (CAS #: 868-77-9) | 5050 mg/kg (Rat) | > 3000 mg/kg (Rabbit) | - |
| 1-Propanone, 2-hydroxy-2-methyl-1-phenyl- (CAS #: 7473-98-5) | 1694 mg/kg (Rat) | 6929 mg/kg bw (Rat) | - |

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/eye irritation

Irritating to eyes.

Sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

No information available.

Carcinogenicity

Not classified

| Chemical Name | European Union | IARC |
|----------------------------------|----------------|---------|
| Acrylic resin (CAS #: 9003-01-4) | - | Group 3 |

Reproductive toxicity

No information available.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information
12.1. Toxicity

| Chemical Name | Algae/aquatic plants EC50 | Fish LC50 | Crustacea EC50 |
|--|---|--|------------------------------------|
| Poly(oxy-1,2-ethanediyl), α -hydr o- ω -hydroxy- Ethane-1,2-diol, ethoxylated (CAS #: 25322-68-3) | - | 5000: 24 h Carassius auratus mg/L LC50 | - |
| Acrylic resin (CAS #: 9003-01-4) | - | 580: 96 h Lepomis macrochirus mg/L LC50 | - |
| 2-Hydroxyethyl methacrylate (CAS #: 868-77-9) | - | 213 - 242: 96 h Pimephales promelas mg/L LC50 flow-through 227: 96 h Pimephales promelas mg/L LC50 | - |
| 1-Propanone, 2-hydroxy-2-methyl-1-phenyl- (CAS #: 7473-98-5) | 1.95 mg/L : 72 h Desmodesmus subspicatus | 160 mg/L : 48 h Leuciscus idus | > 119 mg/L : 48 h Daphnia magna |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

| Chemical Name | Partition coefficient (LogPow) |
|---|--------------------------------|
| 2-Hydroxyethyl methacrylate (CAS #: 868-77-9) | 0.47 |

| Chemical Name | Bioconcentration factor (BCF) |
|---|-------------------------------|
| 2-Hydroxyethyl methacrylate (CAS #: 868-77-9) | 1.54 |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|---|
| Waste from residues/unused products | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

SECTION 14: Transport information

| | |
|--|--------------------------|
| 14.1. UN number | Not regulated |
| 14.2. UN proper shipping name | Not regulated |
| 14.3. Transport hazard class(es) | Not regulated |
| 14.4. Packing group | Not regulated |
| 14.5. Environmental hazards | Not regulated |
| 14.6. Special precautions for user | No information available |
| 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code | Does not apply |

SECTION 15: Regulatory information

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

| Component | EINECS/ELINCS | SVHC candidates | RESTRICTIONS - REACH TITLE VIII |
|--|---------------|-----------------|---------------------------------|
| Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated 25322-68-3 (40-50) | X | - | - |
| 2-Hydroxyethyl methacrylate 868-77-9 (15-20) | X | - | - |
| 1-Propanone, 2-hydroxy-2-methyl-1-phenyl- 7473-98-5 (1-5) | X | - | - |

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

| Component | TSCA | DSL/NDSL | ENCS | IECSC | KECL | PICCS | AICS |
|---|------|----------|------|-------|------|-------|------|
| Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy - Ethane-1,2-diol, ethoxylated 25322-68-3 (40-50) | X | X | X | X | X | X | X |
| Acrylic resin 9003-01-4 (30-40) | X | X | X | X | X | X | X |
| 2-Hydroxyethyl methacrylate 868-77-9 (15-20) | X | X | X | X | X | X | X |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1-Propanone, 2-hydroxy-2-methyl-1 -phenyl- 7473-98-5 (1-5) | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Issue Date 03-Jan-2020
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Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Key literature references and sources for data

ECHA: <http://echa.europa.eu/>

IFA GESTIS: [http://gestis-en.itrust.de/nxt/gateway.dll?f=templates\\$fn=default.htm\\$vid=gestiseng:sdbeng](http://gestis-en.itrust.de/nxt/gateway.dll?f=templates$fn=default.htm$vid=gestiseng:sdbeng)

HSDB: <http://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H317 - May cause an allergic skin reaction

H335 - May cause respiratory irritation

Disclaimer

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.