

# 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 DIY rear window defogger repair kit

### 1.2. 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 0086-572-2109399  
Fax 0086-572-2352225  
E-mail Sales@visbella.com

### 1.3. Emergency telephone number

0086-572-2352225

## 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)

### 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

**Precautionary statements**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P321 - Specific treatment (see supplemental first aid instructions on this label)

**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]
2-Hydroxyethyl methacrylate	212-782-2	868-77-9	10	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317
silver	7440-22-4	231-131-3	10	Not classified
copper	7440-50-8	231-159-6	35	Not classified
Ethylene glycol	203-473-3	107-21-1	45	Not classified

**SECTION 4: First aid measures**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention. Wash contaminated clothing and clean shoes before reuse.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

**If Swallowed:** Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**SECTION 5: Firefighting measures****5.1 Flammable properties**

Autoignition temperature No Data Available  
Flash Point  $\geq 200$  °F [Test Method: Tagliabue Closed Cup]  
Flammable Limits(LEL) No Data Available  
Flammable Limits(UEL) No Data Available

**5.3 Protection of fire fighters**

Special Fire Fighting Procedures: Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

**SECTION 6: Accidental release measures****Precautions for Response**

Avoid breathing the vapors/fumes. Remove or keep away all sources of ignition or extreme heat.

**Environmental Precautions**

Avoid releasing to the environment. Prevent spill from entering drains and waterways.

**Containment Methods**

Not applicable.

**Cleaning Methods**

Collect liquid in a sealable, solvent-resistant container. Sprinkle inert absorbent compound onto spill, then sweep into the container. Wash spill area with soap and water to remove the last traces of residue.

**Disposal Methods**

Environmental precautions: Prevent product from entering drains or open waters.

**SECTION 7: Handling and storage****Prevention**

Keep out of reach of children. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe vapors/fumes. Use only outdoors or in a well-ventilated area.

**Handling**

Wear protective gloves/eye protection.

**Storage**

Wash hands thoroughly after handling.  
Avoid release to the environment.

Keep container tightly closed.  
Store in a well-ventilated area. Keep cool.  
Store locked up.

**SECTION 8: Exposure controls/personal protection****Engineering Controls****Ventilation**

Keep airborne concentrations below exposure limits.

**Personal Protective Equipment****Eye protection**

Wear appropriate protective eyeglasses or chemical safety goggles.

**Skin Protection**

For incidental contacts, use of protective nitrile gloves or other chemically resistant gloves. For extended contacts, use polyvinyl alcohol (PVA) or Viton gloves.

**Respiratory Protection**

For over-exposures up to 10 x OEL of mist/vapors/spray, wear respirator such as a half-mask respirator with organic vapor cartridges. Above 10 x OEL, use a positive-pressure, air-supplied respirator or a self-contained breathing apparatus.

**RECOMMENDATION:**

Consult your local safety supply store to ensure your respirator has filter cartridges appropriate for the ingredients listed in section 3 of this SDS, and that the respirator is fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed plastic bags when not being used.

**General Hygiene Considerations**

Wash hands thoroughly with water and soap after handling.

**SECTION 9: Physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Lower Flammability Limit b)</b>	1%
<b>Appearance</b>	Metallic silver
<b>Upper Flammability Limit b)</b>	13%
<b>Odor</b>	Aromatic like, sweetish
<b>Vapor Pressure b) @20 °C</b>	68 kPa [51 mmHg]
<b>Odor Threshold</b>	2 ppm

<b>Vapor Density</b>	≥4 (Air =1)
<b>pH</b>	Not available
<b>Specific Gravity @25 °C</b>	1.8
<b>Freezing/Melting Point</b>	Not available
<b>Solubility in Water</b>	Partially soluble
<b>Boiling Point a)</b>	≥56 °C [≥132 °F]
<b>Partition Coefficient</b>	Not available
<b>Flash Point a)</b>	≥-17 °C [≥1.4 °F]
<b>Auto-ignition Temperature c)</b>	≥315 °C

## 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 condition

## SECTION 11: Toxicological information

<b>Eye Contact:</b>	No Data Available
<b>Subchronic effects:</b>	No Data available
<b>Carcinogenicity, tertogenicity and mutagenicity:</b>	No data available.
<b>Other chronic effects:</b>	None Known.

## 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. 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

**14.7. Special precautions for user**

Not regulated

**14.6. Transport in bulk according to**

Not regulated

**Annex II of MARPOL and the IBC Code**

**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
2-Hydroxyethyl methacrylate	x	-	-
silver	x	-	-
copper	x	-	-
Ethylene glycol	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
2-Hydroxyethyl methacrylate	x	x	x	x	x	x	x
silver	x	x	x	x	x	x	x
copper	x	x	x	x	x	x	x
Ethylene glycol	x	x	x	x	x	x	x

"-" Not Listed

"X" Listed

**SECTION 16: Other information**

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

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**Revision note** Not applicable

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