

# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 1 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

# MSDS

According to ISO 11014-2009

**Applicant:** Guangzhou Jijian Biotechnology Co., Ltd.

**Address:** Room 407, Building 1, Hunan University Science and  
Technology Industrial Park, No. 001 Xintian North  
Road, Ningxiang Economic and Technological  
Development Zone, Changsha City, Hunan Province,  
P. R. China

**Product Name:** EYELASH EXTENSION SENSITIVE GLUE

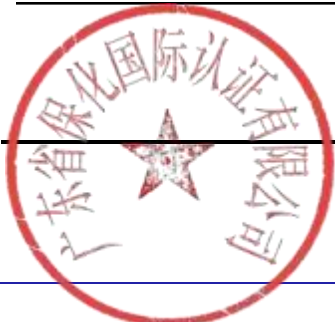
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(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 2 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 1 - Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product Name: EYELASH EXTENSION SENSITIVE GLUE

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

Identified uses: Professional eyelash extension adhesive, used for bonding false eyelashes to natural eyelashes.

Uses advised against: Ingestion prohibited; prohibited for contact with eyeballs, eyelid mucosa, damaged and inflamed skin; prohibited for bonding other parts of the skin or objects; prohibited for children, pregnant women and lactating women; people with allergic constitution should take a skin patch test behind the ear before use; operate only in a well-ventilated environment and avoid inhaling vapor.

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

Guangzhou Jijian Biotechnology Co., Ltd.

Room 407, Building 1, Hunan University Science and Technology Industrial Park, No. 001 Xintian North Road, Ningxiang Economic and Technological Development Zone, Changsha City, Hunan Province, P.R.China

Tel: +8613107329701

1.4 Emergency telephone number: +8613107329701

## Section 2 - Hazards identification

### 2.1 Classification of the substance or mixture:

#### Classification according to Regulation GHS

Health Hazards:

Skin Contact: May cause skin irritation, and long-term contact may induce allergic reactions in sensitive people.

Inhalation: High concentration vapor may cause respiratory irritation.

Eye Contact: Causes serious eye irritation and may damage the cornea.

Ingestion: Harmful if swallowed, may cause gastrointestinal discomfort such as nausea, vomiting and abdominal pain.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 3 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## 2.2 Label elements:

Labeling according to Regulation GHS

This product is classified and labeled according to the GHS regulation.



word: Danger

## Hazard statements:

H315: Cause skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation

H412: Harmful to aquatic life with long lasting effects

## Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P261: Avoid breathing vapor/spray.

P264: Wash thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

## 2.3 Other Hazards

Polymerizes rapidly and releases a large amount of heat when exposed to water or moisture, which may cause container expansion and rupture; the cured product is non-flammable and non-irritating.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 4 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 3 - Composition/Information on Ingredient

**3.1 Chemical characterization:** Mixture

**Description:** EYELASH EXTENSION SENSITIVE GLUE

**Product:** Consisting of the following components (in descending order of content)

Ingredient Name	CAS No.	Concentration (%)
Modified Ethyl Cyanoacrylate	7085-85-0	80.00
Dimethyl Carbonate	616-38-6	18.20
Polymethyl Methacrylate	9011-14-7	1.50
Bamboo Charcoal Black	1333-86-4	0.30

# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 5 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### General description:

In all first aid scenarios, seek medical attention in time with this SDS report. Non-professionals should not carry out in-depth first aid operations without permission.

#### After inhalation:

Immediately remove the person to a fresh and well-ventilated place, unbutton the collar, keep the airway open, and rest in a supine position; if symptoms such as dyspnea, cough, chest tightness and dizziness occur, seek medical attention immediately, and give oxygen inhalation and bronchodilator treatment by professionals if necessary.

#### After eye contact:

Immediately separate the upper and lower eyelids with fingers, continuously and gently rinse with plenty of running clear water or normal saline for at least 15 minutes, DO NOT rub eyes; if wearing contact lenses, take them out immediately if they can be easily taken out during rinsing. Go to the hospital for special ophthalmic examination immediately after continuous rinsing to prevent corneal adhesion or damage.

#### Skin Contact:

Immediately rinse the contact area with plenty of soapy water; if the glue has cured, DO NOT forcefully peel it off or scrape it with a blade, soften it with acetone or special eyelash debonding agent and then gently remove it, then wash thoroughly with soapy water; if skin irritation symptoms such as redness, swelling, itching and rash occur, seek medical attention immediately.

#### After Ingestion:

Rinse mouth with normal temperature clear water immediately, DO NOT induce vomiting to prevent suffocation caused by vomit choking into the trachea or secondary digestive tract injury; do not feed anything to unconscious or convulsive people; seek medical attention immediately with this SDS report, and receive symptomatic treatment by a doctor.

### 4.2 Indication of any immediate medical attention and special treatment needed:

Cured skin glue needs to be gently removed with acetone or special debonding agent; eye contact requires ophthalmic specialist examination, and antibiotic eye drops should be used if necessary to prevent infection; inhalation poisoning requires symptomatic supportive treatment such as oxygen inhalation and bronchodilators.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 6 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 5 - Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents: Dry powder, carbon dioxide, alcohol-resistant foam

### 5.2 Fire Extinguishing Methods:

Firefighters must fight the fire from the upwind direction and maintain a sufficient safe distance; cool the containers with mist water until the fire is extinguished to prevent bursting due to heat; if the fire spreads, evacuate to a safe area immediately and call the fire alarm.

### 5.3 Protective Equipment

Firefighters must wear full protective equipment including positive pressure self-contained breathing apparatus, full-body fire and chemical protective suit, acid and alkali resistant chemical gloves, and protective mask.

## Section 6 - Accidental Release Measures

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

Immediately evacuate all unrelated personnel to a safe area, set up warning tapes and prohibit unauthorized entry; cut off all ignition sources and power supplies, eliminate static electricity; operators must wear self-contained breathing apparatus, nitrile rubber gloves, chemical safety goggles, and impermeable anti-static work clothes; ensure forced ventilation in the operation area.

### 6.2 Methods and material for containment and cleaning up:

Small spill: Absorb with inert absorbent materials (such as sand, vermiculite, diatomite), collect in sealed metal containers and dispose as hazardous waste; do not rinse with water to prevent polymerization reaction.

Large spill: Build dikes or dig pits to contain, prevent flowing into sewers, rivers and other water bodies; use explosion-proof pumps to transfer to special explosion-proof collection containers to avoid spread of leakage; ventilate the contaminated area forcibly after cleaning.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 7 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling:

Operate in a well-ventilated environment or with exhaust equipment, strictly prohibit operation in confined spaces; open containers slowly to prevent instantaneous vapor ejection.

Smoking and use of open flames or high-temperature equipment are strictly prohibited in the operation area; all contact equipment must be reliably grounded to prevent static accumulation.

Avoid direct contact with skin and eyes, operators must wear specified protective equipment; wash hands and exposed parts with soapy water in a timely manner after operation.

Handle with care during transportation to prevent damage to packaging containers; avoid mixing with incompatible substances such as strong oxidizers, strong acids, strong bases, water and alcohols.

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

Store in a cool, dry, well-ventilated warehouse at  $\leq 25^{\circ}\text{C}$ , away from heat sources, sparks, and open flames; smoking is strictly prohibited in the warehouse.

### 7.3 Specific end use(s) :

Only for professional eyelash extension operations, prohibited for any other uses.

## Section 8 - Exposure controls/personal protection

### Eye Protection

Wear chemical safety goggles or full face shield to prevent vapor irritation or liquid splashing.

### Skin Protection

Wear impermeable anti-static work clothes and nitrile rubber gloves (thickness  $\geq 0.1\text{mm}$ ) to avoid direct skin contact.

### Respiratory Protection

Respiratory protection: Wear self-contained breathing apparatus (SCBA) or filter-type gas mask (half mask, suitable for organic vapor cartridges) in poorly ventilated environments or high-concentration vapor scenarios.

### Hand Protection

Nitrile rubber gloves, replace every 2 hours, replace immediately if damaged.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 8 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 9 - Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Black transparent viscous liquid
Colour:	Black
Odour:	Pungent spicy odor
PH-value:	5.0-7.0
Melting point/Melting range( °C) :	No data available
Boiling point/Boiling range( °C) :	152°C
Flash point(°F) :	16°C
Vapour pressure:	2.8kPa
Density(g/cm3) :	1.06-1.08
Solubility in water (g/l):	Insoluble in water, polymerizes and cures rapidly with water
Specific gravity(H2O=1.0) :	1.06-1.08
Other information:	/
9.2 Additional information:	No data available

## Section 10 - Stability and Reactivity

### 10.1 Chemical stability

Stable under cool, dry and sealed conditions, shelf life 6 months; polymerizes rapidly and releases a large amount of heat when exposed to water or moisture.

### 10.2 Possibility of hazardous reactions

Violent polymerization reaction occurs with substances containing active hydrogen such as water, alcohols, amines and carboxylic acids, releasing a large amount of heat, which may cause container rupture; contact with strong oxidizers may cause combustion or explosion.

### 10.3 Conditions to avoid

High temperature (exceeding 25°C), open flame, sparks, static electricity, water, moisture, strong oxidizers, strong acids, strong bases, direct sunlight.

### 10.4 Incompatible materials

Water, alcohols, amines, carboxylic acids, strong oxidizers (such as potassium permanganate, hydrogen peroxide), strong acids (such as hydrochloric acid, sulfuric acid), strong bases (such as sodium hydroxide, potassium hydroxide), metal powders.

### 10.5 Hazardous decomposition products

Decomposes to produce toxic and harmful gases such as carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen cyanide when heated or burned.

# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 9 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 11 - Toxicological Information

### Acute toxicity:

Ethyl Cyanoacrylate: Rat oral LD<sub>50</sub> 1600 mg/kg, Rat inhalation LC<sub>50</sub> 4000 mg/m<sup>3</sup>/4h, low toxicity

Dimethyl Carbonate: Rat oral LD<sub>50</sub> 13000 mg/kg, low toxicity

Mixture: Low toxicity, the main toxicity comes from the irritation, sensitization and inhalation toxicity of ethyl cyanoacrylate

### Skin corrosion/irritation:

Mild to moderate skin irritation, long-term contact can cause skin dryness, desquamation and impaired barrier function.

### Serious eye damage/irritation:

Serious eye irritation, contact with liquid can cause conjunctival hyperemia, edema, and even corneal epithelial damage and adhesion.

### Respiratory or skin sensitization:

Strong skin sensitizer, repeated contact may cause allergic dermatitis; high concentration vapor may cause respiratory allergy and asthma-like symptoms.

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) :

No clear data on carcinogenicity, mutagenicity, or reproductive toxicity, which meets the safety limit requirements of Chinese and EU cosmetic regulations.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 10 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 12 - Ecological Information

### 12.1 Toxicity

#### Aquatic toxicity:

Low toxicity to fish ( $LC_{50} 96h > 10 \text{ mg/L}$ ), daphnia ( $EC_{50} 48h > 10 \text{ mg/L}$ ) and algae; long-term exposure may cause chronic effects on aquatic ecosystems.

### 12.2 Persistence and degradability

Ethyl cyanoacrylate hydrolyzes rapidly in water environment with half-life  $< 24$  hours, no environmental persistence.

### 12.3 Bioaccumulative potential

Very low bioaccumulation potential, octanol-water partition coefficient  $\log Kow=0.46$ , not easy to accumulate in organisms.

### 12.4 Mobility in soil

Low environmental risk, contain and treat immediately after leakage to avoid discharge into water bodies; direct discharge into drinking water sources, rivers, lakes and other water bodies is prohibited.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable .

### 12.6 Other adverse effects

No further relevant information available.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

Prohibited from arbitrary dumping, incineration or mixing with domestic waste.

Waste products, expired products and contaminated absorbent materials must be disposed of in strict accordance with national and local regulations, and entrusted to professional units with hazardous waste operation license for high-temperature incineration; arbitrary dumping, discharge into sewers/rivers/soil, random incineration and burial are strictly prohibited; it is strictly prohibited to mix and dispose of waste products with domestic waste and general industrial waste.

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# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 11 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 14 - Transport Information

### 14.1 UN-Number

ADR, RID, ADN, IMDG, IATA

1993

### 14.2 UN proper shipping name

ADR, RID, ADN, IMDG, IATA

Flammable liquid, n.o.s.

### 14.3 Transport hazard class (es)

ADR, RID, ADN, IMDG, IATA

3

Class

Label

### 14.4 Packing group

ADR, RID, ADN, IMDG, IATA

II

### 14.5 Environmental hazards

Harmful to water environment

### 14.6 Special precautions for user

Transport vehicles must be equipped with explosion-proof ventilation equipment, dry powder fire-fighting equipment, leakage emergency treatment equipment and grounding devices.

Avoid high temperature, sun exposure and rain during transportation; strictly prohibit mixed transportation with strong oxidizers, strong acids, strong bases, water, alcohols, etc.

Handle with care during loading and unloading to prevent packaging damage; transport vehicles must be grounded throughout the journey to prevent static accumulation.

## Section 15 - Regulatory Information

Applicable regulations: Regulation on the Safety Administration of Hazardous Chemicals of China, GHS Classification Standards (GB 30000 Series), Classification and Labeling of Common Hazardous Chemicals (GB 13690), Identification Standards for Hazardous Wastes (GB 5085), Safety and Technical Standards for Cosmetics (2015 Edition), Classification and Code of Dangerous Goods (GB 6944), Marking for Packages of Dangerous Goods (GB 190), EU CLP Regulation (EC) No 1272/2008, EU REACH Regulation (EC) No 1907/2006, EU Cosmetics Regulation (EC) No 1223/2009, ADR Transport Regulation, IMDG International Maritime Dangerous Goods Code, IATA Technical Instructions for the Safe Transport of Dangerous Goods by Air

# Material Safety Data Sheet (MSDS)

(According to) ISO 11014-2009

Report No.: BH2604270109

Date: 2026-04-27

Page 12 of 12

Product Name: EYELASH EXTENSION SENSITIVE GLUE

## Section 16 - Additional Information

**Reference:** GB 30000.1-2013 Classification and Labeling of Chemicals - Part 1: General Principles  
EU CLP Regulation Annex VI Hazard Statements and Precautionary Statements  
International Chemical Safety Card (ICSC) data for each component  
Safety and Technical Standards for Cosmetics (2015 Edition)  
Classification and Code of Dangerous Goods (GB 6944-2012)

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