

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**1.1 Product identifier: K191T****1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Intended use: Cyanoacrylate adhesive

1.3 Details of the supplier of the safety data sheet:

Shijiazhuang QC Lashes Co., Ltd.

No. 1618, Hongsheng Business Building, Shijiazhuang, Hebei Province
China

Tel: +86 18630112032

E-mail: admin@qclashes.com

Date: 2020.05.28

2. HAZARDS IDENTIFICATION**2.1 According to GB 13690-2009 (General Rules for Classification of Chemicals and Hazard Communication):**

Code	Hazard classification	Hazard category
H315	Skin irritation	Category 2
H319	Eye irritation	Category 2
H335	Respiratory irritation Category	Category 3

2.2 Label elements according to GB 15258-2009 (Provisions for the preparation of chemical safety labels):



Single word: Warning

Hazard statement:

H315 Skin irritation.

H319 Eye irritation.

H335 May cause respiratory irritation.

Precautionary statement:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling

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

Incident response:

P302+P352 Contact on skin: Wash with plenty soap and water.

P305+P351+P338 Contact in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Keep rinsing.

P332+P313 Skin irritation: Get medical advice /attention

P337+P313 Eye irritation: Get medical advice /attention.

P362+P364 Take off all contaminated clothing and wash it
before reuse.

2.3 Safe storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep it cold.

P405 Store locked up.

2.4 Disposal

P501 Dispose of contents/container in accordance with local/re-gional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Ingredient information:

Ingredients	Cas NO.	content
Ethyl cyanoacrylate	7085-85-0	< 76 %
Ethoxymethyl Cyanoacrylates	21982-43-4	> 20%
PMMA	9011-14-7	< 10%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact: Do not forcibly pull away the stuck skin. After applying soap, use a blunt object such as a spoon to pull it away gently.

The cyanoacrylate adhesive emits heat as it cures, which is less likely to cause combustion. After the adhesive is removed from the skin surface, burns are treated according to conventional methods. If your lips stick, wash with warm water and try to moisten them with saliva. Peel your lips gently, don't force your lips apart.

Eye contact: If the eyes are stuck, cover with a damp cloth and wash the eyelid with

warm water. The cyanoacrylate adhesive adheres to eye proteins and causes tearing. Tears help loosen the adhesive. Keep your eyes closed until your eyes loosen. It usually takes 1 to 3 days. Do not force your eyes apart. Seek medical help to avoid cyanoacrylate adhesive remaining inside the eyelid.

Inhalation: Move to fresh air. If symptoms persist, seek medical help.

Ingestion: Make sure that the respiratory tract is not blocked. This product will quickly polymerize and stick to the mouth, making it almost impossible to swallow. The saliva will separate the cured product after a few hours. Prevent patients from ingesting solidified particles that have been separated.

5. FIRE-FIGHTING MEASURES

5.1 General fire hazard: Keep away from heat sources and flames.

5.2 Hazardous combustion products: carbon dioxide (CO₂).

5.3 Extinguishing media:

In case of fire, use sand, dry powder, foam and carbon dioxide.

5.4 Fire fighting equipment and instructions:

Firefighters should wear full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Emergency procedures:

For non-emergency personnel: use personal protective Clothing.

For emergency personnel: ensure adequate ventilation. Avoid contact with eyes or

skin

6.2 Environmental prevention:

When a leak occurs, please block the leak tightly if possible.

There is no risk in solving the leak. Prevent drainage in surface water and prevent seepage into groundwater. Do not allow product to drain into the waterRoads or drains. If you accidentally enter the drainage system, please inform the relevant authorities.

6.3 Elimination method:

Do not wipe with clothing. Submerge the spillage with water to complete the polymerization reaction and scrape the ground. The solidified material can be disposed of as non-hazardous waste.

7. HANDLING AND STORAGE

7.1 Operation notes:

Handle according to good industrial hygiene and safety measures. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Avoid contact with fabrics and paper products. It may cause when contact with these substances polymerization reactions, which produce fumes and strong irritating vapors, and cause thermal burns.

Incompatibility:

Water, alcohol, amine halide nitrogen compounds, acid and alkali and direct ultraviolet rays.

7.2 Precautions for safe storage:

Precautions for storage:

Store in an airtight container in a cool, dry place away from heat sources. Don't work with Store the alkali together. The best storage temperature of the product is 2-8 °C. Below 2 °C or above 8 °C Will adversely affect product performance. Exposure to a small amount of water or even water in the air will lead to polymerization reaction and make the product unusable.

8. CONTACT CONTROL / PERSONAL PROTECTION

Harmful ingredients	National standard GBZ 2.1 2007	ACGIH	NIOSH	OSHA
	None	0,2 ppm TWA		None

Contact control / personal protection:

Provide adequate local ventilation to maintain workers exposed to concentrations below the occupational exposure limit.

Respiratory protection: Ensure adequate ventilation.

Eye protection: Wear protective glasses.

Body protection: Wear appropriate protective clothing.

Hand protection: Chemical resistant gloves (EN374). For short-term contact or sputtering (recommendation: protection factor Level 2 minimum, permeation time corresponding to EN 374 is greater than 30 minutes): Nitrile rubber(NBR;> =

0.4 mm thickness). For longer, direct contact (recommendation: protection The coefficient is level 6, and the penetration time corresponding to EN374 is greater than 480 minutes): Nitrile Glue (NBR;> = 0.4 mm thickness). Information comes from literature and glove manufacturing The information provided by the supplier, or by analogy based on similar substances. Please note that in actual During work, the working life of protective gloves may be significantly shortened, which is lower than the EN374 Fixed penetration time. This is due to various factors (such as temperature). If there are wear and tear,the gloves should be replaced.

Other protection:

The selection of personal protective equipment must comply with at least the following laws and standards,"Occupational Disease Prevention Law of the People's Republic of China", "Code for Selection of Personal Protective Equipment" (GB / T 11651-2008).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent Liquid

Status: Not available

pH:

Air pressure:	0.13mmHg @ 25 °C
Boiling point:	> 149 ° C (> 300.2 ° F)
Solubility (water):	insoluble
Flash point:	80-93 ° C (176-199.4 ° F)
Viscosity (cps, @ 25 °C):	100 ~ 150 cps @ 25 °C
Smell:	low odor
Solubility in water:	polymerization occurs in the presence of water

10. STABILITY AND REACTIVITY

10.1 Stability:

Stable under recommended storage conditions. However, it may become unstable at high temperatures.

10.2 Incompatible materials:

water, amines, alkalis, oxidants and alcohols.

10.3 Avoid contact conditions:

Avoid exposure to heat, flame and incompatible environments.

10.4 Incompatible materials:

Polymerization occurs in the presence of water, alcohol, amines, acids and bases and direct ultraviolet light.

10.5 Decomposition products: Carbon oxides.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects**(substances in preparations / mixtures)****Acute toxicity****Ingestion:** Uncategorized**Inhalation:** May cause respiratory irritation.**Skin contact:** Slightly irritating to rabbit skin. (Ethyl 2-cyanoacrylate) xylene Skin

irritation: Irritation of the skin. Glue the skin in seconds. Considered to be low

toxicity: Acute skin LD50 (rabbit) > 2000mg / kg. Due to skin surface

Polymerization, allergic reactions are unlikely.

Irritation: Eye irritation. In a dry atmosphere with a humidity of less than 50%, steam may irritate the eyes And respiratory system.**Corrosion:** Not classified.**Sensitization:** Not classified.**Repeated dose toxicity:** Not classified.**Carcinogenicity:** There is no evidence of carcinogenicity.**Mutagenicity:** There is no evidence of mutagenic potential.**Reproductive toxicity:** No data.**11.2 Other information:** None.**12. ECOLOGICAL INFORMATION****12.1 Toxicity:** Biological and chemical oxygen demand (BOD and COD) are negligible.

Do not drain into drains / surface water / groundwater. Do not leak the product into the environment without control.

12.2 Persistence and biodegradability:

Harmful ingredients Cas No	Ways of contact	Degradability	Test Methods
Ethyl cyanoacrylate 7085-85-0	Aerobic exercise	57%	OECD 301 D (Quick biodegradability: closed bottle test)

12.3 Bioaccumulation / mobility in soil:

Harmful ingredients Cas No	LogKow	Biological species	Temperature	Test Methods
Proprietary components	0,776	-	22 °C	EU Method A.8 (Partition coefficient)

12.4 Mobility in soil: The cured adhesive is immobile.

12.5 Other adverse effects: No more relevant information available.

13. DISPOSAL

Product disposal:

If the waste of this product is in accordance with GB5085.7-2007 The "General Rules" are classified as hazardous waste, according to the "Regulations on the Safety Management of Dangerous Chemicals", "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste",

"National Hazardous Waste Inventory".

Contaminated packaging disposal:

After use, test tubes, cans and bottles containing residues should be treated as chemical contamination. Waste shall be disposed of at designated waste disposal sites. Dispose according to national regulations.

14. TRANSPORT INFORMATION

Road transport ADR classification: Not dangerous goods.

Rail transportation RID classification: Not dangerous goods.

Maritime IMDG classification: Not dangerous goods.

Air transport IATA classification:

Category:	9
Packing category:	III
Packing instruction (carry):	964
Packing instruction (shipping):	964
UN number:	3334
Logo:	9

Proper shipping name: Aviation regulated liquid, n.o.s. (cyanoacrylic ester) Other information: This kind of transporter contains no more than 500ml. Types are non-dangerous goods and may be shipped without restrictions.

Transportation considerations:

Traffic and transportation need to comply with local or national regulations. Ensure

that the container does not leak, collapse, or be damaged during transportation.

15. REGULATORY INFORMATION

The following laws and regulations have made corresponding provisions on the safe use, storage, transportation, loading and unloading, classification and marking of chemicals: "Safety Production Law of the People's Republic of China" (the ninth session on June 29, 2002 Adopted at the 28th meeting of the Standing Committee of the National People's Congress, revised on August 31, 2014 at the 10th meeting of the Standing Committee of the 12th National People's Congress); Law of the People's Republic of China on the Prevention and Control of Occupational Diseases (October 27, 2001) Adopted at the twenty-fourth meeting of the Standing Committee of the Ninth National People's Congress on July 2 and revised at the twenty-first meeting of the Standing Committee of the Twelfth National People's Congress on July 2, 2016); (Adopted at the eleventh meeting of the Standing Committee of the Seventh National People's Congress on December 26, 1989, and amended at the eighth meeting of the Standing Committee of the Twelfth National People's Congress of the People's Republic of China on April 24, 2014); Regulations on Chemical Safety Management (adopted by the 144th executive meeting of the State Council on February 16, 2011); Regulations on Work Safety License (adopted by the 54th executive meeting of the State Council on July 29, 2014). China Inventory of Existing Chemical Substances: All ingredients have been included in the "Inventory of Existing Chemical Substances in China" or exempted from the "Inventory of Existing Chemical Substances in China".

16. OTHER INFORMATION

The product label is described in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet is as follows:

Related H phrases (numbers and full text):

H315 Skin irritation.

H319 Eye irritation.

H335 May cause respiratory irritation.

H350 May cause cancer (if it has been confirmed that there is no other way of contact to cause this risk, Explain the route of contact,)

Related P phrases (numbers and full text):

P261 Avoid breathing dust / mist / gas / mist / vapours / spray.

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

P305 + P351 + P338 CONTACT IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses (if any) and easy to handle. Continue to rinse.

P302 + P350 CONTACT ON SKIN: Wash with plenty of soap and water.

P405 where storage is locked.

P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

This information is based on our current level of knowledge and is relevant to the

product in delivery status. It aims to describe our products from the perspective of safety requirements, and does not aim to guarantee any specific performance. The substance has been in accordance with regulations GB 13690-2009.