

Material Safety Sheet (MSDS= Odorless EYELASH Adhesive Liquid)

1.

Chemical Product/Company Identifications

Product Name: eyelash Adhesive **liquid**

PRODUCT

Product Name: Odorless EYELASH Adhesive

Product type: Cyanoacrylate (Beta-Methoxyethyl Cyanoacrylate)

Product Code: EYELASH Adhesive (order code:98... series)

2. Ingredients

	CAS NO:	OSHA PEL	AOGIH TLV	COMPOSITION %
3. Ethyl Cyanoacrylate	27816-23-5			99-99.99%
Poly(methacrylater)	9011-14-7			10-0.1%
Hydroquinone	123-31-9			0.01-0.001% (HQ Free)
CARBON BLACK	133-86=4			10-0.1%
Component exposure limits	NO		OSHA	Other components
Exposure limit (TWA)			(PEL)	
Cyanoacrylate	2mg/m3	TWA	NO 0.2ppm	TWA
Thickener	N/A		N/A N/A	

3. HAZARDS IDENTIFICATION

Toxicity: Odorless, slight burning when contact with skin, pay attention for eye protection, it will cause discomfort if splashing the product into eyes. Passed ROHS, REACH testing in line with European standards.

Main Invasion way: No

Symptoms of Exposure: Exposure to vapors above the established exposure limit results in respiratory irritation, which may lead to difficulty in breathing and tightness in the chest.

Existing conditions aggravated by exposure: NO.

Potential Health Effects

	NTP	IRR L	ARC	OSHA	OTHERS
Beta-Methoxyethyl	IRR	N/A	N/A N/A		N/A
Thickener	NTO	N/A	N/A N/A		N/A

Abbreviation	MEANS	Abbreviation	MEANS
N/A Not	applicable	ALG	Allergy
BLO	Blood	BNM	bone marrow
CNS	Central nervous system	EYE	Eye
IMM	Immune System	IRR	Irritation
LIV	Liver	MUT	Mutagen
NTO	No target organ	SKI	Skin
THY	Thyroid		

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Do not pull bonded skin apart. Soak in warm soapy water. Gently peel apart using a blunt instrument. If skin is burned due to the rapid generation of heat by a large drop, seek medical attention. If lips are bonded, apply warm water to the lips and encourage wetting and pressure from saliva in mouth. Peel or roll lips apart. Do not pull lips apart with direct opposing force.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. Get medical attention. If eyelids are bonded closed, release eyelashes with warm water by covering with a wet pad. Do not force eye open. Cyanoacrylate will bond to eye protein and will cause a lachrymatory effect which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-4 days. Medical attention should be sought in case solid particles of polymerized cyanoacrylate trapped behind the eyelid caused abrasive damage.
Ingestion:	Ensure breathing passages are not obstructed. The product will polymerize rapidly and bond to the mouth making it almost impossible to swallow. Saliva will separate any solidified product in several hours. Prevent the patient from swallowing any separated mass.

5. FIRE FIGHTING MEASURES

Flash point:	> 85 °C (> 185°F) Tagliabue closed cup
Extinguishing media:	Dry powder. Foam. Carbon dioxide.
Special firefighting procedures:	N/A, burning or thermal decomposition arising harmful substances: irritating and organic steam. Special fire or explosion endanger: None.
Flammable/Explosive limits: (in the air volume ratio,%)	lower: N/A upper: N/A

6. ACCIDENTAL RELEASE MEASURES

Unexpected overflow Or Leak processing steps:
Flush with water, make the product polymerization. Absorbed with inert absorbent.

7. HANDLING AND STORAGE

Handling: . Avoid contact directly with skin, eyes and Steam inhalation.

Storage: below 75°F Condition . (Suggestion: Keep container tightly closed until ready for use. Put the sealed products in the dry and low temperature place. Seek better proposal from the seller when the first contact with BONNIE COSMETICS COMPANY for specific operations.

8.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes: Use protection glasses or goggles

Skin: Wear nitrile rubber or polyethylene gloves, and aprons. Do not use cotton fabric. Additional information, see Appendix.

Ventilation conditions: Keep the room ventilation when use large amount of the product in the narrow room,

Respiratory: N/A.

See Section 2 of the exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Clear, Colorless, Straw
Odor:	negligible
Odor threshold:	1 - 2 ppm
pH:	Not applicable
Boiling point/range:	> 149 °C (> 300 °F)
Water-soluble:	polymerize with water
Organic compounds Volatile	
(EPA, Method 24):	32.9%; 345g / L, Less than 20g / L (California SCAQMD method 316B)
Specific gravity:	1.1 at 23.9 °C (75.02 °F)
Vapor pressure:	< 0.2 mm hg
Vapor density:	Not applicable
Ether=1:	Not applicable
Flash point:	> 80 °C (> 176°F) Tagliabue closed cup

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Hazardous polymerization:	Will not occur
Incompatible materials:	polymerization occurs when contacts with water, alcohols, amines, alkali metal
Conditions to avoid:	N/A
Hazardous decomposition products: (Non-thermal)	Not available

11. TOXICOLOGICAL INFORMATION

Acute oral product toxicity:	LD50 (rat) > 5,000 mg/kg (Estimated)
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Acute dermal product toxicity: LD50 (rabbit) > 2,000 mg/kg (Estimated)

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: NH- Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR 172)

Proper shipping name: Non-categories, Combustible liquid, n.o.s. (Cyanoacrylate ester)
Hazard class or division: Non-categories, Combustible Liquid
Identification number: NA 1993
Marine pollutant: None
Packing group: None
Exceptions: Unrestricted, (> 450 Liters)

International Air Transportation (ICAO/IATA)

Proper shipping name: Aviation regulated liquid, n.o.s. (Cyanoacrylate ester)
Hazard class or division: 9
Identification number: UN 3334
Packing group: None
Exceptions: Not more than 1 pint.

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None Identification
number: None Packing
group: None

15. REGULATOR

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

16. OTHER INFORMATION

NFPA(R)assessment code:

Health hazard: 2

Flammability: 2

reaction risk:

a special risk: Not applicable

HMIS(R) assessment code:

Health hazard: 2

Flammability: 2

reaction danger: 1

Personal protection: See Section 8

NOTE:

NFPA is the registered trademark of USA National Fire Protection Association.

HMIS is the registered trademark of USA National Paint and Coatings Association.

WARNING:	Cyanoacrylate is fast cure, strong bonding adhesive. It can bonds skin in seconds, and may cause eye and respiratory tract irritation. Experience shown that the best emergency treatment is the non-surgical method. Specific incidents handled as follows
Skin contact:	Do not pull bonded skin apart. Soak in warm soapy water. Gently peel apart using a blunt instrument. If skin is burned due to the rapid generation of heat by a large drop, seek medical attention.
Eye contact:	Do not force eye open. Immediately flush with plenty of water for minutes. Generally it will take 1~4 days for complete debonding.
Eyeball Contact:	Once cyanoacrylate bond to the eye and eye proteins that will cause a lachrymatory effect which will help to debond the adhesive from the eyes. Keep eye covered until debonding is complete, usually within few hours. Medical attention should be sought in case solid particles of polymerized cyanoacrylate trapped behind the eyelid caused abrasive damage. it is very important.
Lips Contact:	Apply warm water to the lips and encourage wetting and pressure from saliva in mouth. Peel or roll lips apart. Do not pull lips apart with direct opposing force. Generally impossible to swallow the cyanoacrylate adhesive which will cure and bond in the oral. The saliva can peeling off the adhesive in 1~2 days, prevent the peeled adhesive to be swallowed into belly.
Burning:	The Cyanoacrylate will release heat after cured. Generally a drop adhesive will not cause burns. If burns occurs, seek medical attention until the adhesive peel off.
Separation surgery:	N/A
