



# ENCHANTED

BEAUTY INSTITUTE


## Safety Data Sheet

### Eyelash Extension Adhesives - Group 2

#### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Product Identifier/s :</b>	1. Savage Adhesive for Eyelash Extensions 2. Crystal Clear Adhesive for Eyelash Extensions
<b>Product Type:</b>	Cyanoacrylate mixture
<b>Recommended Use/Restrictions on Use:</b>	Quick bonding Adhesive for Eyelash Extension application. Not to be used on skin.
<b>Company Identification :</b>	Enchanted Beauty Institute <a href="http://www.enchantedbeauty.institute">www.enchantedbeauty.institute</a>
<b>Emergency Phone Number:</b>	<i>For advice, contact a Poisons Information Centre:</i> 13 11 26 from anywhere in Australia 0800 764 766 in New Zealand

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	Flammable solid - category 1 Skin sensitisation - category 1 Eye irritation - category 2 Specific target organ toxicity (single exposure) - category 3 Skin irritation - category 2	
<b>Label Elements:</b>	Signal Word - Danger Pictogram - Exclamation Mark, Flame 	
<b>Hazard Statements:</b>	H228 H315 & H319 H335 & H317	Flammable solid Causes serious eye irritation and skin irritation May cause respiratory irritation or allergic skin reaction

Prevention	Response	Storage	Disposal
P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.	P302 & P352 - IF ON SKIN: wash with plenty of soap and water.	P403, P405 & P235 - Store locked up in a well ventilated place. Keep Cool.	P501 - Dispose of contents and/or container according to Federal, State and local government regulations.
P261 - Avoid breathing dust, fume, gas, vapors, mist, or spray.	P305, P351 & P338 - IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.	P233 - Keep Container tightly closed.	
P264 - Wash hands thoroughly after handling. Use only in a well-ventilated area.	P332, P337 & P313 - If skin or eye irritation persists: get medical advice/attention.	P102 - Keep out of reach of children.	
P280 - Wear protective gloves, eye protection, and face protection.			

Prevention	Response	Storage	Disposal
	P312 - Call a poison control centre or doctor if you feel unwell.		
	P304 & P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.		
	P370 & P378 - IN CASE OF FIRE: Use water spray, foam, dry chemical or carbon dioxide to extinguish.		

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

### SAVAGE ADHESIVE

Ingredients	Wt%	CAS Registry No	Chemical Formula
Ethyl Cyanoacrylate	90	7085-85-0	CH <sub>2</sub> C(CN)COOC <sub>2</sub> H <sub>5</sub>
PMMA	4.9	9011-14-7	secret
Hydroquinone	0.1	123-31-9	C <sub>6</sub> H <sub>4</sub> (OH) <sub>2</sub>
Carbon Black	5	1333-86-4	

### CRYSTAL CLEAR ADHESIVE

Ingredients	Wt%	CAS Registry No	Chemical Formula
Ethyl Cyanoacrylate	90	7085-85-0	CH <sub>2</sub> C(CN)COOC <sub>2</sub> H <sub>5</sub>
PMMA	9.9	9011-14-7	secret
Hydroquinone	0.1	123-31-9	C <sub>6</sub> H <sub>4</sub> (OH) <sub>2</sub>

## SECTION 4 – FIRST AID MEASURES

<b>Inhalation:</b>	Remove from exposure to fresh air. If person continues to feel unwell seek medical attention. If breathing stops, perform artificial respiration and seek immediate medical attention.
<b>Skin Contact:</b>	<p>FOR SKIN BONDS: Quickly soak in warm water and avoid use of excessive force to free bonded area. Mineral oil, vegetable, oil or petroleum jelly may help soften the bonding between skin surfaces. For skin contact consider acetone or an approved solvent. Follow by thorough washing of the affected area with soap and water.</p> <p>If unable to free bonded area or if lips or mouth are bonded, seek medical attention.</p> <p>May bond skin to clothing and may release heat, causing burns. Cool burned area immediately with cold water. If clothing adheres to skin, do not pull, peel slowly under lukewarm water. Seek medical attention for treatment of burns.</p>
<b>Eye Contact:</b>	<p>Immediately flush eyes with fresh water or saline solution for at least 15 minutes.</p> <p>If eyelids are bonded closed, DO NOT force eye open. Cyanoacrylate will bond to eye protein causing eyes to tear/water which will help to debond the adhesive.</p> <p>Medical attention should be sought in case solid particles of polymerised Cyanoacrylate trapped behind the eyelid cause abrasive damage.</p>
<b>If Swallowed:</b>	Do not induce vomiting. Cyanoacrylates polymerise very rapidly in the mouth and will not normally pass beyond the throat. Rinse mouth. If you feel unwell, seek medical attention or call a Poison Information Centre.

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## SECTION 5 – FIRE FIGHTING MEASURES

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<b>For major fires call the Fire Brigade.</b>	
<b>Flash Point</b>	Above 95°C
<b>Suitable Extinguishing Equipment</b>	Use water spray, Carbon Dioxide, alcohol-resistant foam or dry chemical.
<b>Special protective equipment and precautions for fire fighters</b>	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
<b>Hazchem Code:</b>	None assigned
<b>Unusual fire or explosion hazards:</b>	Combustible. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Cool fire exposed containers with water spray.
<b>Hazardous combustion products:</b>	Trace amounts of toxic and/or irritating fumes may be released

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protection recommended in Section 8, isolate the hazard area and do not allow unnecessary and unprotected persons to enter. Ensure adequate ventilation.  Keep away from heat, sparks and flame. Secure possible sources of ignition. Avoid inhalation and contact with eyes and skin.
<b>Environmental precautions</b>	In the event of a major spill, prevent spillage from entering drains or waterways.
<b>Methods and materials for containment and cleaning up</b>	Stop leak if safe to do so and contain spill. DO NOT use cloths for mopping up. Absorb with sand or other commercially available inorganic absorbent material. Collect spilled material in an appropriate container for disposal. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate area with fresh air to dispel any residual vapors.

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## **SECTION 7 – HANDLING AND STORAGE**

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<b>Precautions for safe handling</b>	Keep out of reach of children. Keep away from sources of ignition and heat. Avoid breathing concentrated dust/fume/gas/mist/vapors/spray - use only in well ventilated areas. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should be washed before reuse. Avoid release to the environment. Avoid contact with fabric or paper goods. Contact with these materials may cause rapid polymerisation which can generate smoke and strong irritating vapors and cause thermal burns.
<b>Conditions for safe storage including any incompatibilities</b>	Store in a dry well-ventilated place. Keep cool. Keep container tightly closed when not in use to prevent contamination with water or air. Exposure to small amounts of moisture, even moisture in the air, causes polymerisation rendering the product unusable. Avoid extreme temperatures. Keep away from combustible materials, heat or sunlight. Store away from food and beverages. Store away from oxidising materials.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS No.	Agency	Limit Type
Hydroquinone	123-31-9	OSHA	TWA: 2mg/m <sup>3</sup>
Hydroquinone	123-31-9	CMRG	STEL: 4mg/m <sup>3</sup>
Hydroquinone	123-31-9	ACGIH	TWA: 1mg/m <sup>3</sup>
Ethyl Cyanoacrylate	7085-85-0	ACGIH	TWA: 0.2ppm
PMMA	9011-14-7	OSHA	TWA: 100ppm
PMMA	9011-14-7	ACGIH	STEL: 100ppm
PMMA	9011-14-7	ACGIH	TWA: 50ppm

ACGIH : American Conference of Governmental Industrial Hygienists

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average = 8 hours per day/5 days per week

STEL: Short Term Exposure Limit = 15 minutes

Exposure Controls	
<b>Engineering Controls</b>	<p>Ensure adequate ventilation when using.</p> <p>If vapor risk exists, consider local mechanical exhaust/extraction to keep airborne contamination below exposure limits.</p> <p>If ventilation is not adequate use respiratory protection equipment.</p>
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face protection</b>	<p>Safety goggles or safety glasses with side shields.</p> <p>Full face protection should be used if the potential for splashing or spraying of product exists.</p>
<b>Respiratory protection</b>	<p>If ventilation is inadequate to keep the airborne concentrations of vapor below occupational exposure standards, use a Safe Work Australia approved air purifying respirator with a tight-fitting face piece, organic vapor cartridge(s) and high efficiency particulate filter. See Australian Standards AS/NZS 1715 and 1716 for more information.</p>
<b>Skin/hand protection</b>	<p>Use gloves and aprons as necessary to prevent contact. Do not use PVC, nylon or cotton. Nitrile gloves are recommended. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.</p>

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Emerald & Amber - Black liquid Crystal Clear - Clear liquid
<b>Odour:</b>	Odourless, irritating
<b>Odour Threshold:</b>	Not determined
<b>PH:</b>	No information applicable
<b>Melting point/freezing point:</b>	N/A
<b>Initial Boiling point/boiling range:</b>	Above 190°C
<b>Flashpoint:</b>	Above 95°C Method: Cleveland open cup.
<b>Upper/Lower Flammability Limits:</b>	No information available
<b>Vapor pressure (at25°C):</b>	1Pa
<b>Vapor density (Air =1):</b>	Emerald & Amber - 4.9 Crystal Clear - 4.5
<b>Relative Density (Specific gravity (H2O =1)):</b>	0.9 ~ 1.1
<b>Solubility in water:</b>	Insoluble(polymerised by water)
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Auto-ignition temperature:</b>	No information available
<b>Decomposition temperature:</b>	No information available
<b>Viscosity:</b>	No information available

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	May be reactive with certain agents in certain conditions. See other listings in this section.
<b>Chemical Stability</b>	Stable when stored and used as recommended.
<b>Possibility of Hazardous Reactions</b>	Rapid exothermic polymerisation will occur in the presence of water, amines, alkalis and alcohols and in contact with cotton fibres and paper based products.
<b>Conditions to Avoid</b>	Heat Light Sources of ignition (flames/sparks)
<b>Incompatible Materials</b>	Water, Amines, Alkalis, Alcohols
<b>Hazardous Decomposition Products</b>	CO <sub>2</sub> , oxides and nitrogen and unknown hydrocarbons

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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The information below is consistent with the material classification of specific ingredients in Section 2. Toxicological testing information is not available for these mixtures, therefore, toxicological properties of hazardous ingredients above the concentration cut-off contained in the mixtures is provided.

<b>Acute Toxicity</b>	No ingredients above concentration cut-off limits are classified in the Acute Toxicity category
<b>Skin corrosion/irritation</b>	Ethyl 2-cyanoacrylate: causes skin irritation
<b>Serious eye damage/irritation</b>	Ethyl 2-cyanoacrylate: causes serious eye irritation
<b>Respiratory or skin sensitisation</b>	Ethyl 2-cyanoacrylate: may cause respiratory irritation Polymethyl methacrylate (PMMA): may cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	No ingredients above concentration cut-off limits are classified in the Germ Cell Mutagenicity category
<b>Carcinogenicity</b>	No ingredients above concentration cut-off limits are classified in the Carcinogenicity category
<b>Reproductive toxicity</b>	No ingredients above concentration cut-off limits are classified in the Reproductive Toxicity category
<b>Specific Target Organ Toxicity (STOT) - single exposure</b>	Ethyl 2-cyanoacrylate: may cause respiratory irritation
<b>Specific Target Organ Toxicity (STOT) - repeated exposure</b>	No ingredients above concentration cut-off limits are classified in the STOT - repeated exposure category
<b>Aspiration hazard</b>	No information available to suggest an aspiration hazard

### Possible routes of exposure:

Skin contact, Inhalation, Eye contact, Ingestion

### Possible Symptoms/Health Effects from Exposure:

<b>Skin Contact</b>	Bonds skin in seconds. May cause skin irritation. Skin contact may cause burns via heat reaction. Signs/symptoms may include localised redness, swelling, itching and dryness. Allergic response is rare due to rapid polymerisation on the skin surface.
<b>Inhalation</b>	Respiratory tract irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose or throat pain.
<b>Eye Contact</b>	Bonds eyelids rapidly. Causes serious eye irritation. Signs/symptoms may include redness, tearing, swelling and impaired vision.
<b>Ingestion</b>	Not expected to be ingested as Cyanoacrylates rapidly polymerise in the mouth and would rarely pass through the throat. Signs/symptoms may include abdominal pain, nausea and vomiting.



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## **SECTION 12 – ECOLOGICAL INFORMATION**

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None known

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## **SECTION 13 – DISPOSAL INFORMATION**

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**Disposal containers and methods:** Do not pour in drain or waterways. Dispose according to applicable Federal, State and Local government regulations.

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## **SECTION 14 – TRANSPORT INFORMATION**

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Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by Road or Rail (ADG 7).

By Air:

**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: III

Exceptions: Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

By Sea:

**Water Transportation (IMO/IMDG)**

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

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## **SECTION 15 – REGULATORY INFORMATION**

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**Safety, Health and Environmental Regulations:** All ingredients contained in the Cyanoacrylate mixtures listed in this Safety Data Sheet that are required to be registered under the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) are listed in the Australian Inventory of Chemical Substances (AICS).

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## **SECTION 16 – OTHER INFORMATION**

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**Document No:** 3    **Version Number:** 2

**Issue Date:** 8/11/16

**Supersedes Date:** 25/10/16

This Safety Data Sheet (SDS) has been prepared in accordance with the Safe Work Australia "Preparation of Safety Data Sheets for Hazardous Chemicals" Code of Practice February 2016. The Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals is an approved code of practice under section 274 of the Work Health and Safety Act (the WHS Act).

Other references include the 3rd revised edition of the United Nations Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as adopted by Australia, the Australian Inventory of Chemical Substances (AICS), the Australian Hazardous Chemical Information System (HCIS) and Appendix G: Schedule 6 of the WHS Regulations regarding Classification of Mixtures.

**Disclaimer:**

The information contained in this Safety Data Sheet is provided in good faith and is believed to be correct at the date of issue. It is the responsibility of the user to make their own determination as to whether the product is fit for a particular purpose and suitable for the user's method of use or application.

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