

SAFETY DATA SHEET

Date Prepared : 03/06/2013
SDS No : 0006-03-2013B
Date-Revised : 04/13/2015
Revision No : 5

Brush-On Nail Glue G2-B

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Brush-On Nail Glue
PRODUCT DESCRIPTION: Cyanoacrylate adhesive
PRODUCT CODE: OL-BNG

MANUFACTURER

YCC Products Inc.
1740 Barcelona Cir.,
Placentia, CA, 92870, USA
Emergency Phone: (714) 985-8989

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Domestic North America):(800) 424 - 9300
CHEMTREC (International):(703) 527 - 3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Skin irritation, Category 2

Physical:

Combustible liquid, Category 4

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H315: Causes skin irritation.
H227: Combustible liquid.

Precautionary statement(s)

Prevention:

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P321: Specific treatment (see First Aid on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire: Use ... to extinguish.

Storage:

P403: Store in a well-ventilated place.

Disposal:

P501: Dispose of contents/container to appropriate waste facility according to local regulations

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation

SKIN: Bonds skin instantly. May cause sensitization.

INGESTION: May be harmful if swallowed

INHALATION: Harmful if inhaled. May cause irritation or destruction to the tissue of the mucous membranes and upper respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-Ethyl cyanoacrylate	> 90	7085-85-0
Polymethyl methacrylate	< 5	9011-14-7
Butylated hydroxyanisole	< 0.2	25013-16-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Do not attempt to pull apart bonded eyelid. Seek medical attention.

SKIN: After Contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and soap. **Seek medical attention to remove cured material.** Wash contaminated clothing before reusing.

INGESTION: Do not induce vomiting. Saliva will cause cyanoacrylate to polymerize in mouth. If lips are bonded together, use warm water to gently separate the lips apart. Contact a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

INHALATION: High concentrations or prolonged overexposure can cause: Asthma, bronchitis & other chronic lung conditions/upper respiratory tract irritant

NOTES TO PHYSICIAN: Cured adhesive does not pose a health risk.

ADDITIONAL INFORMATION: Skin, lips, eyelids or other body parts bonded by cyanoacrylate are best separated by passive nonsurgical first aid. Generally warm water and gentle manipulation will break the cyanoacrylate bond.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Combustible liquid

GENERAL HAZARD: This product is combustible.

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EXTINGUISHING MEDIA: SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use foam, fog or water spray. Do not use water jet.

HAZARDOUS COMBUSTION PRODUCTS: May emit toxic fumes under fire conditions.

EXPLOSION HAZARDS: None known.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: May emit other toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

LARGE SPILL: Dike and prevent overflow. Guide to a safe place then dispose properly.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow product to flow into rivers or affect the environment

RELEASE NOTES: Keep spilled material from entering storm drains, sewers, or other environmental mediums.

COMMENTS: Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid handling or clean-up of cyanoacrylate adhesive with cellulose fibers, such as cloth gloves, rags, paper towels, or clothing. A reaction containing cellulose fibers can cause smoke and fumes.

HANDLING: To avoid fire, minimize ignition sources. Avoid contact with eyes, skin, and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. May react in presence of moisture. May react or be incompatible with alkalies. Wash thoroughly after handling.

STORAGE: Contains moisture sensitive material. Store in a dry, cool, well-ventilated area. Keep away from sources of heat and ignition. Keep container tightly closed when not in use.

STORAGE TEMPERATURE: 5°C (40°F) Minimum to 10°C (50°F) Maximum

COMMENTS: Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)						
			EXPOSURE LIMITS			
			OSHA PEL		ACGIH TLV	
Chemical Name			ppm	mg/m ³	ppm	mg/m ³
2-Ethyl cyanoacrylate	TWA		[1]	[1]	0.2 ppm	1.0
OSHA TABLE COMMENTS:						
1. Not Established						

ENGINEERING CONTROLS: Adequate ventilation may be necessary to control any air contaminants to within the TLV control parameters during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Wear splash goggles if the potential for splashing or spraying exists.

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SKIN: Gloves (impervious).

RESPIRATORY: In case of insufficient ventilation, wear NIOSH approved respiratory equipment when exposure limits are exceeded.

PROTECTIVE CLOTHING: Wear chemically impervious clothing, gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Acrid

APPEARANCE: Transparent liquid

COLOR: Clear

FLASHPOINT AND METHOD: 83°C (181.4°F) Closed Cup

VISCOSITY #1: 15 to 40 cPs

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Yes, due to heat generated during polymerization.

STABILITY: May cause sudden polymerization

CONDITIONS TO AVOID: Heating, high humidity, direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides. Nitrogen oxides

INCOMPATIBLE MATERIALS: Reactive with alkalis, oxidizing agents, and water.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2-Ethyl cyanoacrylate	> 5000 rat (mg/kg)	> 2000 Rabbit/mg/kg	
Polymethyl methacrylate	> 2000 rat (mg/kg)	> 3000 Rabbit/mg/kg	> 2 mg/kg
Butylated hydroxyanisole	2000 rat (mg/kg)		

SENSITIZATION: Product may cause skin irritation or sensitization.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data as a product

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control

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regulations. Consult your licensed waste contractor for detailed recommendations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Combustible liquid n.o.s (2-Ethyl cyanoacrylate)

PRIMARY HAZARD CLASS/DIVISION: Comb liq

UN/NA NUMBER: NA1993

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Aviation regulated liquid n.o.s. (2-Ethyl cyanoacrylate)

UN/NA NUMBER: UN3334

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Butylated hydroxyanisole	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances.

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Butylated hydroxyanisole

Chemical Name	Wt. %	Listed
Butylated hydroxyanisole	< 0.2	Cancer

16. OTHER INFORMATION

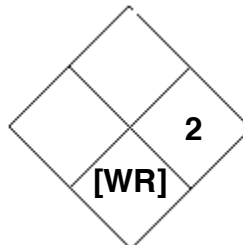
Date-Revised: 04/13/2015

REVISION SUMMARY: This MSDS replaces the 09/20/2013 MSDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		2
PERSONAL PROTECTION		

NFPA CODES



MANUFACTURER DISCLAIMER: To the best of our knowledge, the information contained herein is accurate.

However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain

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hazards are described herein, we cannot guarantee that these are the only hazards that exist.