



SAFETY DATA SHEET

NEW ZEALAND IMPORTER & SUPPLIER NAILX BEAUTY SUPPLIES
ADDRESS 5/201 OPAWA ROAD
HILLSBOROUGH
CHRISTCHURCH
CONTACT – MANAGING DIRECTOR KAREN CLARK
EMERGENCY PHONE: 021 286 4077
HSNO Approval No: HSR002552

Date Prepared : 10/11/2012
SDS No : 0011-10-2012D
Date-Revised : 07/06/2015
Revision No : 10

17N020

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 17N020
PRODUCT DESCRIPTION: Cyanoacrylate adhesive
PRODUCT CODE: 17N020

MANUFACTURER

ThreeBond International, Inc.
6184 Schumacher Park Drive
West Chester, OH 45069
Emergency Phone: (513) 779-7300

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 2
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 and/or skin 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.

P337+P313: If eye irritation persists: Get medical advice/attention.
 P302+P352: IF ON SKIN: Wash with plenty of water
 P321: Specific treatment (see Response 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 foam, CO₂, or dry sand to extinguish.

Storage:

P403: Store in a well-ventilated place.

Disposal:

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

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Transparent liquid

IMMEDIATE CONCERNS: May cause irritation to the eyes, skin, and respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation

SKIN: Bonds skin instantly. May cause skin irritation or sensitization.

SKIN ABSORPTION: May be harmful if absorbed through the skin

INGESTION: May be harmful if swallowed; Ingestion is an unlikely route of entry in industrial uses

INHALATION: May be harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
2-Ethyl cyanoacrylate	85 - 95	7085-85-0
Polymethyl methacrylate	1 - 10	9011-14-7
Bronopol	< 0.1	52-51-7
Butylated hydroxyanisole	< 0.1	25013-16-5

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

INGESTION: Rinse mouth well with water. Never give an unconscious person anything to ingest. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: No data as a product

CHRONIC EFFECTS: No data as a product

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Combustible liquid

GENERAL HAZARD: This product is combustible.

EXTINGUISHING MEDIA:

SMALL FIRE: Use DRY chemical powder. **LARGE FIRE:** Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

HAZARDOUS COMBUSTION PRODUCTS: May produce poisonous and irritating gases

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Then extinguish should be performed up wind.

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

GENERAL PROCEDURES: Extinguish all sources of ignition

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

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate personal protection equipment to avoid contact to eyes, skin, and inhalation.

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 contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.

HANDLING: Fire strictly prohibited. Wear appropriate personal protection equipment. Wash thoroughly after handling.

STORAGE: Protect from direct sunlight. Store the product at moderate temperature. Store in original container at room temperature.

COMMENTS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not mix this product with other cleaning agents.

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.

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.

WORK HYGIENIC PRACTICES: Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

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

ODOR THRESHOLD: No information available

APPEARANCE: Transparent liquid

COLOR: Clear

pH: No information available

FLASHPOINT AND METHOD: 83°C

FLAMMABLE LIMITS: No information available

AUTOIGNITION TEMPERATURE: No information available

VAPOR PRESSURE: No information available

VAPOR DENSITY: No information available

BOILING POINT: No information available

FREEZING POINT: No information available

MELTING POINT: No information available

THERMAL DECOMPOSITION: No information available

SOLUBILITY IN WATER: Insoluble in water

EVAPORATION RATE: No information available

DENSITY: No information available

VISCOSITY #1: 100 mPa·s

COEFF. OIL/WATER: No information available

10. STABILITY AND REACTIVITY

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

STABILITY: May cause sudden polymerization

CONDITIONS TO AVOID: High temperature, high humidity and 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 LD₅₀ (rat)	DERMAL LD₅₀ (rabbit)	INHALATION LC₅₀ (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
Bronopol	180 rat (mg/kg)		
Butylated hydroxyanisole	2000 rat (mg/kg)		

SKIN EFFECTS: No data as a product

CHRONIC: No data as a product

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: One or more substance in this product may be hazardous to the aquatic environment.

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 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
Bronopol	This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals.
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	< 0.1	Cancer

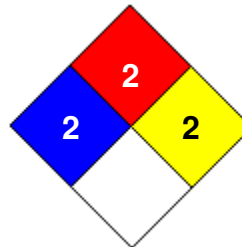
16. OTHER INFORMATION

Date-Revised: 07/06/2015

REVISION SUMMARY: This MSDS replaces the 04/10/2015 MSDS. Revised: **Section 9:** AUTOIGNITION TEMPERATURE, BOILING POINT, COEFF. OIL/WATER, DENSITY, EVAPORATION RATE, FLAMMABLE LIMITS, FREEZING POINT, MELTING POINT, ODOR THRESHOLD, pH, VAPOR DENSITY, VAPOR PRESSURE, THERMAL DECOMPOSITION.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		2
PERSONAL PROTECTION		B

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