

SAFETY DATA SHEET

Date Prepared : 07/18/2019

SDS No : 0018-18-2017D CGM SLOW JET

SLOW JET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SLOW JET

PRODUCT DESCRIPTION: Cyanoacrylate adhesive

PRODUCT CODE: 772, 773 & 774

DISTRIBUTOR

CGM Enterprises, Inc

2727 Shermer Rd., Unit 523 Northbrook, IL 60062

Product Stewardship: (868) 538-4583

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin irritation, Category 2

Specific target organ toxicity after single exposure: Respiratory system, Category 3

Reproductive Toxicity, Category 2

Carcinogenicity, Category 2

Eye damage/Eye irritation, Category 2A

Physical:

Combustible liquid, Category 4

GHS LABEL



Exclamation
mark



Health hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H315: Causes skin irritation.

H227: Combustible liquid.

H335: May cause respiratory irritation.

H319: Causes serious eye irritation.

H361: Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H351: Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statement(s)

Prevention:

P264: Wash ... 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.

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

P271: Use only outdoors or in a well-ventilated area.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

Response:

P302+P352: IF ON SKIN: Wash with plenty of water/...

P321: Specific treatment (see ... on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

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

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

Continue rinsing.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/...if you feel unwell.

P370+P378: In case of fire: Use ... to extinguish.

P337+P313: If eye irritation persists: Get medical advice/attention.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

Storage:

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

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

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

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

COMMENTS: 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
2-Ethyl cyanoacrylate	65 - 75	7085-85-0
Acryloid B-72	25 - 35	
Butylated hydroxyanisole	< 0.2	25013-16-5
Toluene	0.22	108-88-3

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 or give oxygen by trained personnel. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

INHALATION: Inhalation of dust and fumes may cause asthmatic reaction

CHRONIC EFFECTS: Repeated use may result in irritation of mucus membrane and upper respiratory tract.

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.

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 other toxic fumes under fire conditions.

FIRE FIGHTING PROCEDURES: Workers should wear appropriate protection (glasses, clothes, mask for poisonous gasses, etc.), then extinguishing should be performed up wind.

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.

6. ACCIDENTAL RELEASE MEASURES

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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.

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 alkalis. Wash thoroughly after handling.

STORAGE: Store in well-ventilated place. Keep container tightly sealed. Store locked up.

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)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
2-Ethyl cyanoacrylate	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	0.2 ppm	
Toluene	OSHA PEL	TWA	100 ppm	375 mg/m ³
		STEL	150 ppm	560 mg/m ³
	ACGIH TLV	TWA	20 ppm	

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

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BOILING POINT: No information available
FREEZING POINT: No information available
MELTING POINT: No information available
THERMAL DECOMPOSITION: No information available
SOLUBILITY IN WATER: No information available
PARTITION COEFFICIENT: N-OCTANOL/WATER: No information available
EVAPORATION RATE: No information available
DENSITY: No information available
SPECIFIC GRAVITY: No information available
VISCOSITY #1: 500 to 800 cPs
COMMENTS: No water solubility.

10. STABILITY AND REACTIVITY

REACTIVITY: No information available
HAZARDOUS POLYMERIZATION: Yes, due to heat generated during polymerization.
STABILITY: Water will cause polymerization.
CONDITIONS TO AVOID: Can react with light or water.
POSSIBILITY OF HAZARDOUS REACTIONS: No information available
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, Nitrogen oxides
INCOMPATIBLE MATERIALS: Reactive with alkalis, oxidizing agents, and water.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2-Ethyl cyanoacrylate	> 5 ml/kg (rat)		
Butylated hydroxyanisole	2000 rat - mouse (mg/kg)		
Toluene	2600 mg/kg (rat)	12000 mg/kg (rabbit)	12.5 mg/L, 4 hrs (Rat)

NOTES: No data as a product

SKIN CORROSION/IRRITATION: No data available as this product
SERIOUS EYE DAMAGE/IRRITATION: No data available as this product
RESPIRATORY OR SKIN SENSITISATION: No data available as this product
GERM CELL MUTAGENICITY: No data available as this product

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	General Toxicity
Butylated hydroxyanisole	2	2B	
Toluene		3	Contains component that is not classifiable as to its carcinogenicity based on its IARC

IARC: Not Listed

NTP: Not listed

OSHA: Not Listed

NOTES: No data available as this product.

REPRODUCTIVE TOXICITY: No data as a product
STOT-SINGLE EXPOSURE: No data available as this product
STOT-REPEATED EXPOSURE: No data available as this product
ASPIRATION HAZARD: No data available as this product

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data as a product
ECOTOXICOLOGICAL INFORMATION: No data as a product
BIOACCUMULATION/ACCUMULATION: 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.

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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

NOTE: Follows ICAO/IATA regulation

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Toluene	0.22	1000

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.
Toluene	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania 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, Toluene

Chemical Name	Wt. %	Listed
Butylated hydroxyanisole	< 0.2	Cancer
Toluene	0.22	Developmental Toxicity

16. OTHER INFORMATION

APPROVED BY: Leonard Jackson **TITLE:** HAZCOM Specialist

Date Prepared: 08/18/2017

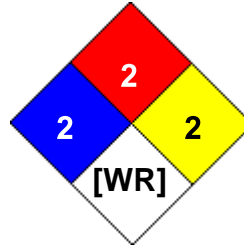
INFORMATION CONTACT: (513) 759-8765

HMIS RATING

NFPA CODES

SLOW JET

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		2
PERSONAL PROTECTION		B



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