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SAFETY DATA SHEET

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SECTION 1. IDENTIFICATION

Brand: Hami

Trade Name: Soft Tension Glue 10 ml

Product Number: 04671 - Soft Tension Glue

Address: 11561 Westminster Ave, Garden Grove, CA 92843

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquid Category

4

Pyrophoric Liquids

Not classified

Corrosive To Metals

Not classified

Acute Toxicity (Oral)

Not classified

Acute Toxicity (Dermal)

Not classified

Skin Corrosion/Irritation Category

2

Eye Irritation Category

2B

Respiratory Sensitizer Category

1

Germ Cell Mutagenicity

1B

Carcinogenicity

2

Reproductive Toxicity

1B

Target Organ Systemic Toxicity

3(Respiratory Irritation)

(Single Exposure)

SECTION 2. HAZARDS IDENTIFICATION (cont.)

GHS Label Elements

GHS Symbol Exclamation Mark, Health Hazard

GHS Signal Word Danger

Hazard Statements

Combustible Liquid.

Causes skin irritation.

Causes eye irritation.

May cause an allergic skin reaction.

May cause genetic defects

Suspected of causing cancer

May damage fertility or the unborn child

May cause respiratory irritation.

Emergency Overview:

Vapor is irritating to eyes, respiratory system and skin. (R36/37/38)

Potential Health Effects:

May cause sensitization by inhalation. Narcotic effects, headache, dizziness, vomiting.

Skin: dryness

Eye: irritation

Potential Environmental Effects: Not available.

Signs and Symptoms Of Exposure: Vapor is irritating to eyes and mucous membranes above TLV. Prolonged and repeated overexposure to vapors may produce symptoms of non-allergic asthma in sensitive individuals.

Existing Conditions Aggravated By Exposure: None known

WARNING

Combustible Liquid.

Causes skin irritation.

Causes eye irritation.

May cause an allergic skin reaction.

May cause genetic defects

Suspected of causing cancer

May damage fertility or the unborn child

May cause respiratory irritation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	%	CAS
Ethyl cyanoacrylate	50.05	7085-85-0
Methyl 2-cyanoacrylate	40	137-05-3
PMMA	9.9	Confidential
Carbon	0.05	1333-86-4

Inventory Status: Ethyl cyanoacrylate

TSCA	Listed
EINECS No.	2303915
RTECS No.	UD3330050
ICSC No.	1358
EC No.	607-236-00-9

SECTION 4. FIRST AID MEASURES

Ingestion: Ingestion is not likely. See supplemental page for emergency procedures.

Inhalation: Don't breathe gas/fumes/vapor/spray.

Evacuate from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If the breath has stopped, have artificial respiration.

If breathing difficulty occurs, have oxygen inhalation.

Skin contact: Remove contaminated clothing. Wash contact areas with soap and much water.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point: above 75 °C (167. F) Cleveland open cup

Autoignition temperature: 485 °C (905. F)

Explosive Limits:

(%by volume in air) Lower: Not available

(%by volume in air) Upper: Not available

Recommended Extinguishing agents: Carbon dioxide, foam, dry chemical

Special firefighting procedures: Not available

Hazardous products formed by fire or thermal decomposition: Irritating organic fragments.

Wear proper protective equipment.

Keep container tightly closed.

Unusual fire or explosion hazards: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Evacuate non-essential personnel.

Shut off all sources of ignition: No fires, smoking or flames in area.

*Ventilate area after material pick up is completed.

For small spills: Absorb spill with inert material (dry cloth, dry sand), then place in a chemical waste container using non-sparking tools.

Flush residual spill (area) with plenty of water.

For large spills: Dike for later disposal. Wash with plenty of water.

SECTION 7. HANDLING AND STORAGE

Handling:

Keep away from sources of ignition and heat. No smoking or flames in working area.

Take precautionary measures against static discharges.

Avoid contact with skin and eyes.

Wear proper protective equipment.

Use only in well ventilated areas.

Use exhaust ventilation to keep air concentration below exposure limit.

Keep container tightly closed when not in use.

Install emergency showers and eye wash facility in working area.

Storage:

Keep away from all possible source of ignition.

Store in a cool, dry, well ventilated location.

Keep container tightly closed.

Keep away from combustible materials, heat, steam pipe or sunlight.

Keep away from oxidizing materials.

Other Precautions:

Wash hands, face and gargle after work.

Practice good personal hygiene after using this material, especially before eating, drinking, smoking or using the rest room.

Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection (Specify type):

Chemical cartridge respirator with organic vapor.

Local exhausts *Special

Should be used control vapors in work area.

Mechanical (General) *Other

Should use a breathing mask.

Protective gloves: Polyethylene gloves. No rubber.

Eye protection: Safety glasses, face shield.

Skin protection: Other protective clothing or equipment impervious clothing, apron and boots. Barrier creams, etc.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black liquid

Odor: Odorless, irritating.

Boiling point: Above 190°C

Melting point: N/A

Specific gravity (H₂O =1): 0.9~1.1

Vapor pressure (at25°C): 1Pa

Vapor density (Air =1): 4.9

Evaporation rate (Butyl acetate =1): N/A

Solubility in water: Insoluble(polymerized by water)

SECTION 10. STABILITY AND REACTIVITY

Condition to avoid: High humidity, high temperature or direct sunlight.

Stability: Stable (cool and dry area.).

Materials to avoid: Polymerized by contact with water, alcohols, amines, alkalies.

Hazardous decomposition or byproducts: CO₂, oxides and nitrogen and unknown hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity: Skin contact may cause burns.

Bond skin rapidly and strongly.

Skin and eye irritant.

Ethyl cyanoacrylate Oral LD50: above 5000 mg/kg in rat. (Acute)

Hydroquinone Oral LD50: 302 mg/kg in rat. (Acute)

Routes of entry: Inhalation (Yes), skin (Yes), Ingestion (Yes)

Ingredients which have exposure limits

	ACGIH(TLV)	OSHA(PEL)	OTHER
Ethyl cyanoacrylate 0.2 ppm	TWA	None	None
Hydroquinone 2 mg/m ³	TWA 2 mg/m ³	TWA 2 mg/m ³	TWA 4 mg/m ³ STEL

Target Organ and Other Health Effects

Literature Referenced Carcinogen

Ingredients	Target Organ And Other Health Effects	NTP	IARC	OSHA
Ethyl cyanoacrylate	ALG IRR RES	No	No	No
Hydroquinone	AC3 BLO BNM CNS EYE IMM IRR LIV MUT	No	N/A	N/A

Abbreviations:

N/A Not applicable

AC3 ACGIH animal carcinogen

ALG Allergen BLO Blood

BNM Bonen marrow

CNS Central nervous system

EYE Eyes IMM Immune system

IRR Irritant

LIV Liver

MUT Mutagen

RES Respiratory

SECTION 12. ECOLOGICAL INFORMATION

Ecological information: None Known

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal method:

Don't pour drain. Follow domestic and local environmental regulations.

Precautions to be taken in handling and storing.

Avoid unnecessary exposure to air and moisture. Don't store above 25°C and in direct sunlight,

Keep container lids tightly closed.

Other Precautions:

Avoid contact with skin and eyes. Protect eyes, skin and clothing from contact with liquid product. Wear recommended equipment.

SECTION 14. TRANSPORT INFORMATION

IATA: Not restricted

CLASS: Unlisted

UN Number: Unlisted

DOT (49 CFR 172) *Domestic ground transport

Proper shipping name:

Unrestricted (Not more than 450 liters.)

Combustible liquids n.o.s.(Cyanoacrylate ester)

(More than 450 liters)

Hazard class or division:

Unrestricted (Not more than 450 liters.)

Combustible liquids. (More than 450 liters)

Identification number: None (Not more than 450 liters.)

NA1993 (More than 450 liters)

Marine pollutant: None.

International Air Transportation (ICA/IATA)

Proper shipping name: Unrestricted

Class or division: Unrestricted

UN or ID number: None

Water Transportation (IMO/IMDG)

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Marine pollutant: None

SECTION 15. REGULATORY INFORMATION

CA Proposition 65:

No California proposition 65 chemicals are known to be present.

TSCA 8(b) Inventory Status: All components are listed or are exempt from listing on Toxic Substances Control Act Inventory.

EINECS All components are listed on EINECS

SECTION 16. OTHER INFORMATION

Estimated NFPA Code: *NFPA is a registered trademark of the National Fire Protection Assn.

Health Hazard: 2

Fire Hazard: 2

Reactivity Hazard: 1

Specific Hazard: Does not apply

Estimated HMIS Code:

Health Hazard: 2

Flammability Hazard: 2

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coating Assn.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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