

MATERIAL SAFETY DATA SHEET

Product Name: 2P-10

FASTCAP LLC

Bellingham, WA 98226

EMERGENCY PHONE: 1-888-443-3748

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 2P-10 Adhesive

Product Type: Modified Cyanoacrylate Ester

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS NO.	%
Cyanoacrylate ester	Proprietary	90-95
Poly (methyl methacrylate)	9011-14-7	5-10
HYDROQUINONE	123-31-9	0.1-1

Ingredients, which have exposure limits

Exposure Limits: Ingredients	(TWA) ACGIH (TLV)	OSHA (PEL)	OTHER
Cyanoacrylate ester	None	None	0.2 ppm TWA
HYDROQUINONE	2mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA 4 mg/m3 STEL

3. HAZARDS IDENTIFICATION

Toxicity: Skin contact may cause burns
Bonds skin rapidly and strongly
Skin and eye irritant

Primary Routes of Entry: None Known

Signs and Symptoms

Of Exposure: Vapor is irritating to eyes and mucous membranes above TLV.
Exposure to vapors above the established limits may cause
Symptoms of non-allergic asthma.

Existing Conditions

Aggravated by Exposure: None Known

Ingredients	Literature Referenced Target organ and other Health Effects	Carcinogen NTP IARC OSHA
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Cyanoacrylate ester	ALG IRR	NO	NO	NO
Poly (methyl methacrylate)	IRR	NO	N/A	NO
Cyanoacetate	NTO	NO	NO	NO

3. Hazards identification

HYDROQUINONE BLO BNM CNS IMM IRR LIV MUT NO N/A NO

SKI THY

Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	BNM Bone Marrow
CNS Central nervous system	EYE eyes
IMM Immune System	IRR Irritant
LIV Liver	MUT Mutagen
NTO No Target Organs	SKI Skin
THY Thyroid	

4. First Aid Measures

Ingestion:	Ingestion is not likely. See supplemental page for emergency Procedures.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Soak in warm water. See supplemental page for emergency Procedures.
Eye Contact:	Flush with water. See supplemental page for emergency procedures.

5. Fire Fighting Measures

Flash Point:	185o F
Method:	Tag Closed Cup Recommended
Extinguishing Agents:	Carbon dioxide, foam, dry chemical
Special Firefighting Procedures:	Not Available
Hazardous Products Formed	By fire or thermal, decomp Irritating Organic vapors
Unusual fire or explosion Hazards	None
Explosive Limits:	
(% by volume in air) Lower	Not Available
(% by volume in air) Upper	Not Available

6. Accidental Release Measures

Steps to be taken in case Of spill or leak:	Flood with water to polymerize. Soak up with an inert Absorbent
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7. Handling Controls, Personal Protection

Safe Storage: Store below 75o F
Handling: Avoid skin or eye contact. Avoid breathing vapor.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles
Skin: Nitrile or polyethylene gloves and aprons
Do not use cotton
See supplemental page for additional information
Ventilation: Local ventilation may be desirable when using large amounts in a confined area.
Respiratory: Not Available

See section 2 for Exposure Limits

9. Physical and Chemical Properties

Appearance: Water white to straw colored liquid
Odor: Negligible
Boiling Point: More than 300o F
Ph: Does not apply
Solubility in Water: Polymerized by water
Specific Gravity: 1.1
Volatile Organic Compound (EPA Method 24) 32.9%; 345 grams per liter
Less than 20 g/l (California SCAQMD method 316B)
Vapor Pressure: Less than 0.02 mm Hg
Vapor Density: Not Available
Evaporation Rate: (Ether=1) Not Available

10. Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Polymerized by contacts water, alcohols, amines or alkalis
Conditions to avoid: Not Available
Hazardous Decomposition
Products (non-thermal): None

11. Toxicological Information:

Estimated oral LD50 more than 5000 mg/kg
Estimated dermal LD50 more than 2000 mg/kg

12. Ecological Information

No Data Available

13. Disposal Considerations

Recommended methods of Disposal: Polymerize as above. Incinerate following EPA and local Regulations

EPA Hazardous waste Number: NH- Not a RCRA Hazardous waste Material

14. Transportation Information

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Unrestricted (not more than 450 liters); Combustible Liquid (More than 450 liters)

Identification Number: None (Not more than 450 liters); NA 1993 (more than 450 liters)

Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted (Not more than one pint) Aviation regulated liquid, n.o.s., (Cyanoacrylate Ester) (More than one pint)

Class or Division: Unrestricted (Not more than one pint); Class 9 (More than one pint)

UN or ID Number: None (Not More than one pint) UN 3334 (More than one pint)

15. Regulatory Information

CA Proposition 65: No California Proposition 65 chemicals are known to be present.

16. Other Information

Estimated NFPA(R) Code:

Health Hazard: 2

Fire Hazard: 2

Reactivity Hazard: 1

Specific Hazard: Does not apply

Estimated HMIS (R) Code:

Health Hazard: 2

Flammability Hazard: 2

16. Other Information

Reactivity Hazards: 1

Personal Protection: See Section 8

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

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When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classifications of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purpose other than that for which it was recommended. In such cases, a reassessment may be necessary and should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

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They should check the adequacy of the information provided within this MSDS before passing it on to their customers/staff.

