

Material Safety Data Sheet

1. Product and Company Identification

Product Name: **2P-10 Jël Cyanoacrylate Adhesive**
Part Number: **2P-10 JEL 2 OZ / 2P-10 JEL 10 OZ / 2P-10 JEL TUBE**
Revision Date: October 9, 2009
Company Name: FastCap LLC
3725 Irongate Rd.
Bellingham, WA 98226

EMERGENCY PHONE: For Chemical Emergency
Spill Leak Fire Exposure or Accident only
Call CHEMTREC Day or Night

DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

For all other questions or technical issues call, 888-443-3748

2. Composition, Information and Ingredients

Ingredients	CAS NO.	%
Ethyl Cyanoacrylate ester	Proprietary	90-95
HYDROQUINONE	123-31-9	0.1-1

Ingredients, which have exposure limits

Exposure Limits: Ingredients	(TWA) ACGIH (TLV)	OSHA (PEL)	OTHER
Ethyl Cyanoacrylate	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
Cyanoacrylate ester	ALG IRR	NO	NO	NO
Poly (methyl methacrylate)	IRR	NO	N/A	NO
Cyanoacetate	NTO	NO	NO	NO

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. Flammability and Explosive Properties

Flash Point:	160 -200° F	Method: Tag Closed Cup
Estimated NFPA Code:		
Health Hazard:	2	
Fire Hazard:	2	
Reactivity Hazard:	2	
Specific Hazard:	No Water	
Estimated HMIS Code:		
Health Hazard:	2	
Flammability Hazard:	2	
Reactivity Hazard:	2	
Personal Protection:	See Section 8	
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.

7. Handling Controls, Personal Protection

Safe Storage:	Store below 75° 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

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: Clear colored liquid
Odor: Negligible
Boiling Point: More than 300° F
Ph: Does not apply
Solubility in Water: Polymerized by water
Specific Gravity: 1.1

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)

Proper Shipping Name	Ground:	Unrestricted
	Air:	Unrestricted

Hazard Class or Division:	Ground:	Unrestricted
	Air:	Unrestricted

Identification Number:	Ground:	None
	Air:	None

IATA

Proper Shipping Name:	Unrestricted
Class or Division:	Unrestricted
UN or ID Number:	None

IMO

Substance	Not available
Marine pollutant Status	Not available

Class	Not available
Subsidiary Risk Label:	Not available
IMDG Code Page	Not available
UN Number	Not available

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

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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The information contained within this MSDS applies only to the FastCap product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.

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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.

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