

MATERIAL SAFETY DATA SHEET

GG LUE

JAN 21 2009

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PARFIX 3480 Black Rubber Toughened Cyanoacrylate Adhesive
 Product Type: Cyanoacrylate Adhesive

2. COMPOSITION, INFORMATION ON 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/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA 4 mg/m ³ 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

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. 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

Heading: 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: Black 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

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.

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