

MATERIAL SAFETY DATA SHEET

Product #612

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: #612 QUICK-WELD #1
Date Printed: June 1, 2011
Product Use/Class: Cyanoacrylate Adhesive

Supplier: International Epoxies & Sealers
30241 Commerce Drive
San Antonio, FL 33576
Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053
Outside the U.S. Call collect: 1-352-323-3500

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	%
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 STE

3. HAZARDOUS 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 SKI THY	NO	N/A	NO

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

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

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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 AND STORAGE

Safe Storage: Store below 75° F

Handling: Avoid skin or eye contact. Avoid breathing vapor.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection: Safety glasses or goggles.

Skin Protection: Use nitrile or polyethylene gloves and aprons. Do not use cotton.

Respiratory: Not available.

Ventilation: Local ventilation may be desirable when using large amounts in a confined area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear or 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

Hazardous Decomposition Products: None

Conditions to Avoid: Not Available

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 an RCRA hazardous waste material.

14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):

Proper Shipping Name:	Ground: Unrestricted
	Air: Unrestricted
Hazard Class or Division:	Ground: Unrestricted
	Air: Unrestricted
Identification Number:	Ground: None
	Air: None

International Air Transportation (ICAO/IATA):

Proper Shipping Name:	Unrestricted
Hazard Class or Division:	Unrestricted
UN or Identification Number:	None

Water Transportation (IMO/IMDG):

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.

Prepared by: Technical Manager

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