

Primer MSDS Information

1. MATERIAL IDENTIFICATION

Product Name: Anaebond Primer #2

Emergency Phone: For product emergencies involving spill, leak, fire, exposure, or accident call CHEMTREC at (800) 424-9300.

2. COMPOSITION

Hazardous Components	CAS No.	Percent	Exposure Limits		OTHER	
			ACGIH TLV-TWA	OSHA PEL	AEL	STEL
Isopropyl Alcohol	67-63-0	95 – 100	400 ppm	400 ppm	980mg/m ³	500 ppm
N, N-Daalkyltoluidine	99-97-8	1 – 3	N.E.	N.E.	N.E.	N.E.
Hydroquinone	123-31-9	0.01 – 0.1	2mg/m ³	2mg/m ³	N.E.	4mg/m ³

Abbreviations: N.E. = Not Established

3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: Yes

Eye Contact: May cause irritation or temporary corneal damage.

Skin Contact: May cause irritation.

Inhalation: May cause headaches, nausea, dizziness, drowsiness, and irritation of respiratory tract.

Ingestion: May cause headaches, nausea, dizziness, drowsiness, loss of consciousness, gastrointestinal irritation, and central nervous system depression.

Other: Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product. Individuals with preexisting skin, eye, and respiratory allergies may experience increased allergy symptoms upon exposure to this product.

4. FIRST AID MEASURES

Eyes: Flush eyes thoroughly with water for 15 minutes. Seek medical attention.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Keep individual calm. Do not induce vomiting. Obtain medical attention.

5. ACCIDENTIAL RELEASE MEASURES

Ventilate the spill area and allow product to evaporate. Shut off the source of the leak if it is safe to do so. Remove all ignition sources.

6. HANDLING AND STORAGE

Store in an environment below 110°F, away from sources of ignition. Avoid prolonged breathing of vapor. Avoid eye contact. Avoid prolonged skin contact.

7. FIRE FIGHTING PROPERTIES**FLAMMABLE PROPERTIES**

Flash Point: 53°F (Base) Method: Tag Closed Cup

Explosive Limits (% volume in air): **Lower:** **Upper:**
N, N-Dialkyltoluidine 1.2 7.0
Isopropyl Alcohol 2.0 12.7 @200°F

Auto – Ignition Temperature: Not determined
Hazardous Decomposition Products: Oxides of carbon
Unusual Fire or Explosion Hazards: Distant ignition sources may ignite vapors.

EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS

No fire fighting instructions are available at this time.

Extinguishing Media: Use carbon dioxide, dry chemical, or an appropriate foam.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: Provide adequate local ventilation to maintain vapor concentration below TLV.

Respiratory Protection: Not available.

Skin Protection: Impervious gloves should be worn as necessary.

Eye Protection: Chemical splash goggles or safety glasses with side shields should be worn as appropriate.

9. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Keep away from strong oxidizing agents, aluminum, nitric acid, sulfuric acid, amines, ammonia, halogen acids and chlorides, and aldehydes.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/State:	Clear Liquid	Boiling Point:	180°F
Odor:	Alcoholic	Freezing Point:	Not determined
pH:	Does not apply	Specific Gravity:	0.79
Vap. Pressure (mmHg):	33mm @ 70°F	Solubility in Water:	95 – 100 %
Vap. Density (air=1):	2.1	Evaporation Rate (Ether = 1):	7.7

11. DISPOSAL CONSIDERATIONS

Recommended Disposal Methods: Incinerate following EPA and local regulations. Do not incinerate cans still under pressure.

EPA Hazardous Waste Number: D001 – Hazardous water per 40CFR 261.21

12. TOXICOLOGICAL INFORMATION

Ingredients	Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Isopropyl Alcohol	ALG BLO CNS IRR KID	NO	N/A	NO
N, N-Dialkyltoluidine	ALG MUT	NO	NO	NO
Hydroquinone	AC3 BLO BNM CNS EYE IMM IRR LIV MUT SKI THY	NO	N/A	NO

Abbreviations Used

N/A Not Applicable	KID Kidney	CAR Cardiac
ALG Allergen	LUN Lung	EYE Eyes
BNM Bone Marrow	SKI Skin	IRR Irritant
CNS Central Nervous System	AC3 ACGIH animal carcinogen	LIV Liver
IMM Immune System	BLO Blood	MUT Mutagen
		THY Thyroid

13. TRANSPORTATION INFORMATION**DOT (49 CFR 172):**

Domestic Ground Transport

Proper Shipping Name:	Consumer Commodity (< 1L); Isopropanol Solution (> 1L)
Hazard Class or Division:	ORM-D (< 1L); Class 3, Packing Group II (> 1L)
Identification Number:	None(< 1L); UN1219(> 1L)
Marine Pollutant:	None

IATA

Proper Shipping Name:	Isopropanol Solution
Hazard Class or Division:	Class 3, Packing Group II
Identification Number:	UN 1219

14. REGULATORY INFORMATION

NFPA Hazards:	Health: 2	Flammability: 3	Reactivity: 0
HMIS Hazards:	Health: 2	Flammability: 3	Reactivity: 0

STATE REGULATIONS / RIGHT TO KNOW

California Proposition 65: No information is available.

American Fiber Optic Technologies, LLC urges each customer or recipient of this MSDS to study it carefully in order to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and/or fire prevention, as necessary to use and understand the data contained in this MSDS.

To promote safe handling, customers and recipients should: 1 – notify their employees, agents, contractors, and others whom they know or suspect will use this material or the information in this MSDS and any other information regarding hazards or safety; 2 – furnish this same information to each of their customers for the product; and 3 – request their customers to notify their employees, customers and other users of the product of this information.

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