

# MATERIAL SAFETY DATA SHEET

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ANCHOR SEAL, INC.

16 RIVERSIDE AVENUE  
DANVERS, MA 01923

EMERGENCY PHONE: 1-800-535-5053 (INFOTRAC)  
1-800-774-5217 (Information)

PRODUCT NAME: ANCHOR BOND THIN, MEDIUM, & THICK CA  
CYANOACRYLATE DATE ISSUED: 10/7/09

NFPA & HMIS: HEALTH- 2; FIRE- 2; REACTIVITY- 1

CARCINOGEN: NTP (No) IARC (No) OSHA (No) (NFPA & HMIS code ratings are estimated by A.S.I.)

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## I. IDENTIFICATION

D.O.T Hazard Class N/A U.N. Number N/A  
Shipping Name: Not Regulated

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## II. PHYSICAL DATA

PERCENT VOLATILE: N/A	SPECIFIC GRAVITY: 1.05-1.09
BOILING RANGE: >300 F	VAPOR PRESSURE: 0.17mm Hg @ 20C
VAPOR DENSITY: 3 (air =1)	SOLUBILITY IN WATER: Polymerizes in water
APPEARANCE: Thin Liquid	EVAPORATION RATE: No information
	ODOR: Sharp, Stimulant

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## III. INGREDIENTS

C.A.S.#	WT%	EXPOSURE LIMITS	
Ethyl 2 Cyanoacrylate	7085-85-0	80-90	ACGIH TLV 0.20 ppm Est. Oral LD50>5000 mg/kg Skin LD50 6.76 ml/kg
Polymethyl Methacrylate	9011-14-7	10-20	No Data

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## IV. FIRE & EXPLOSION HAZARD DATA

FLASHPOINT 80 C FLAMMABLE LIMITS No Data LEL No Data

**Extinguishing Media:** Use water spray, dry chemical, foam or carbon dioxide. Treat as a class B fire.

**Unusual Fire & Explosion Hazards:** Closed containers may explode, due to buildup of pressure, when exposed to extreme heat. Avoid fumes liberated by heat.

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus and complete personal protective equipment. Remove all ignition sources. Use water spray to cool fire exposed containers.

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## V. REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

**Conditions to Avoid:** Excessive heat.

**Incompatibility: (Materials to Avoid)** Water and alkaline chemicals.

**Hazardous Decomposition Products:** Fumes produced when heated to decomposition may contain carbon dioxide, carbon monoxide, oxides of nitrogen, HCN.

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To the best of our knowledge, the information contained herein is accurate. However, neither Anchor Seal, Inc., nor any of its representatives, assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**VI. HEALTH HAZARDS: Effects of over exposure:**

**Ingestion: (Swallowing):** No Data.

**Inhalation: (Breathing):** Inhalation can be severely irritating to the respiratory tract. May cause headaches, nausea, and dizziness.

**Skin (Contact & Absorption):** May cause irritation, redness, swelling. Quickly bonds skin to itself.

**Eye (Contact):** Causes irritation.

**Chronic Effects of Over Exposure:** No specific information available.

**EMERGENCY & FIRST AID PROCEDURES:**

**Eye (Contact):** Flush with plenty of warm water. Seek immediate medical attention.

**Skin (Contact):** Soak in warm soap and water.

**Ingestion (Swallowing):** Ingestion is unlikely. Seek immediate medical attention.

**Inhalation (Breathing):** In case of discomfort caused by inhaling a high concentration of vapors, get fresh air. If person is not breathing, start artificial respiration. Contact an Emergency Medical Technician or a Physician.

**VII. SPILL or LEAK PROCEDURES: Steps to be taken if material is spilled:**

Eliminate ignition sources. Dike spill to minimize contamination. Flood with water to polymerize. Completely absorb with sand, vermiculite, etc. Scoop up and out and put in a disposal container. Prevent washings from entering sewers and waterways.

**Waste disposal method:** Incinerate in accordance with federal, state and local regulations. It is the responsibility of the user to determine at the time of disposal, whether the product meets RCRA criteria for a hazardous waste. Not classified as RCRA hazardous waste.

**VIII. SPECIAL PROTECTION INFORMATION:**

**Respiratory Protection:** If ventilation is inadequate or in confined spaces. Wear NIOSH approved "organic vapor" or air line respirators.

**Ventilation:** Local or mechanical exhaust recommended for exposure control.

**Protective Gloves:** Impervious, polyethylene, latex, neoprene, nitrile. Product will quickly bond to skin.

**Eye Protection:** Safety glasses or goggles with side shields.

**Other Protective Equipment:** Full faced shield, coveralls, lab coats, impervious footwear and a safety shower and eye wash should be available when handling large quantities.

**IX. SPECIAL PRECAUTIONS:** Remove contaminated clothing immediately. Launder or dry clean before reuse. Discard contaminated footwear. To extend shelf life, store in cool, less than 5 degrees C, dry, dark area.

Prepared by: Peter E. Spinney