



# AKRON DISPERSIONS, INC.

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 482A / Bostex 482A-CF**

CHEMICAL NAME: Aqueous Mixture of Zinc 2-Mercaptobenzothiazole(CAS# 155-04-4), Sodium Salts of Polymerized Alkylphthalenesulfonic Acid(CAS# 9084-06-4/36290-04-7)

MANUFACTURER: Akron Dispersions, Inc.  
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Akron, Ohio 44321

TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

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### SECTION 2 HAZARDOUS INGREDIENT INFORMATION

2-Mercaptobenzothiazole(CAS# 149-30-4)

Formaldehyde(CAS# 50-00-0): <0.001%

Naphthalene(CAS# 91-20-3): <0.0004%

Quinoline(CAS# 91-22-5): <0.004%

### SECTION 3 HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin and eyes. Skin sensitization may occur.

May contain <0.001% Formaldehyde, <0.0004% Naphthalene, and <0.004% Quinoline, known to the State of California to cause cancer.

HMIS: Health-2 Flammability-0 Reactivity-0 Personal Protection-B

### SECTION 4 FIRST AID MEASURES

Eye Contact: Flush with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact: Wash affected area with soap and water. Consult a physician if irritation persists.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Ingestion: Seek medical advice.

### SECTION 5 FIRE & EXPLOSION HAZARD

Flashpoint: N/D Flammable Limits: N/D

General Hazard: Wear MSHA-NIOSH approved Self-Contained Breathing Apparatus

Extinguishing Media: CO<sub>2</sub>, Dry Chemical, Waterspray, Foam

Decomposition Products Under Fire Conditions: Oxides of Sulfur, Zinc, Carbon, Nitrogen, and Sodium, Carbon Disulfide, Dibutylamine

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb with inert material. Sweep, vacuum, or shovel into appropriate container.

**SECTION 7 HANDLING AND STORAGE**

Storage: Store in a cool, dry area.  
Storage Temperature: Above 32°F

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

OSHA Regulation 29CFR1910.1000 requires the following PEL Limits: N/D  
The ACGIH recommends the following Occupational Exposure Limit: N/D  
Personal Protection: Gloves and Goggles recommended  
Ventilation: Local Exhaust

**SECTION 9 TYPICAL PHYSICAL & CHEMICAL PROPERTIES**

Product Appearance: Yellow to Cream-Colored Liquid

Boiling Point(°F): 212	Freezing Point(°F): 32
Vapor Pressure(@150°C): N/A	Specific Gravity(Approx.): N/D
Vapor Density: N/A	% Volatile by Volume: 50%
Solubility in Water: Miscible	Evaporation Rate: N/A
pH: 7-10	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Strong Oxidizers, Acids, High Temperatures, Nitrosating Agents  
Hazardous Decomposition Products: Oxides of Sulfur, Zinc, Carbon, Nitrogen, and Sodium, Carbon Disulfide, Dibutylamine  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): None. NTP has reported "some evidence of carcinogenic activity" in lab animals for MBT. May contain <0.001% Formaldehyde, <0.0004% Naphthalene, and <0.004% Quinoline, known to the State of California to cause cancer.

**SECTION 12 ECOLOGICAL INFORMATION**

Not determined

**SECTION 13 DISPOSAL**

Waste Disposal Method: Dispose per Local, State, and Federal Regulations

**SECTION 14 TRANSPORT INFORMATION**

DOT: Not a DOT controlled material(United States).

**SECTION 15 REGULATORY INFORMATION**

TSCA: All ingredients of this product appear on the TSCA Inventory  
SARA Title III-Section 313: This product contains Zinc Compounds and 2-Mercaptobenzothiazole, listed chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

**SECTION 16 OTHER INFORMATION**

Prepared By: D. Hunsicker  
Date: January 7, 2010

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