



## **AKRON DISPERSIONS**

3291 Sawmill Road  
P.O. Box 4195  
Akron, Ohio 44321

Phone: 330-666-0045  
Fax: 330-666-7842

# **Product Data Sheet**

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## **Product:**

BOSTEX 851

## **Description:**

A 50% active aqueous cure dispersion for Polyisoprene Latex.

## **Specifications(Tentative):**

Appearance / Color :	Off-White to Tan
Active Solids :	50%
Total Solids :	50.0% - 54.0%
pH :	9.5 - 11.5
Viscosity :	400 - 1500 cps(RVF #3 @ 10 RPMs)
Mean Particle Size	Less than 5 Microns
Odor :	Slightly Ammoniacal
Storage :	Protect from freezing. Stir before using.
Recommended Shelf Life :	6 Months

Revised: 02/24/11

Supersedes: None

Revised by: Diane M. Hunsicker



# AKRON DISPERSIONS, INC.

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 851**

CHEMICAL NAME: Aqueous Mixture of Phenol, 4-Methyl-, Reaction Products with Dicyclopentadiene & Isobutylene(CAS# 68610-51-5), Zinc Diethyldithiocarbamate(CAS# 14324-55-1), Sulfur(CAS# 7704-34-9), N,N'-Diphenylguanidine(CAS# 102-06-7), Zinc Oxide(CAS# 1314-13-2), Dipentamethylene Thiuram Hexasulfide/Tetrasulfide(CAS# 971-15-3/120-54-7), Sodium Salts of Polymerized Alkylnaphthalenesulfonic Acid(CAS# 9084-06-4/36290-04-7)

MANUFACTURER: Akron Dispersions, Inc.  
3291 Sawmill Road P.O. Box 4195  
Akron, Ohio 44321

TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

FAX: (330)666-7842

### SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Zinc Oxide(CAS# 1314-13-2): Approx. 9.6%  
Zinc Diethyldithiocarbamate(CAS# 14324-55-1): Approx. 4.7%  
N,N'-Diphenylguanidine(CAS# 102-06-7): Approx. 3.8%  
Lead(CAS# 7439-92-1): 0.0001%  
Cadmium(CAS# 7440-43-9): 0.0005%  
Formaldehyde(CAS# 50-00-0): <0.0015%  
Naphthalene(CAS# 91-20-3): <0.0006%  
Quinoline(CAS# 91-22-5): <0.006%

### SECTION 3 HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin, eyes, and respiratory tract. Do not drink alcoholic beverages immediately before or after handling-may cause violent nausea and vomiting. May cause skin sensitization or allergic eczema. May contain <0.0015% Formaldehyde, <0.0006% Naphthalene, and <0.006% Quinoline, known to the State of California to cause cancer.

HMS: Health-1 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 Carbon, Sulfur, Sodium, and Nitrogen, Carbon and Hydrogen Sulfide

**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: Light Beige-Yellow Liquid/Ammoniacal Odor

Boiling Point(°F): N/A	Freezing Point(°F): N/A
Vapor Pressure(@ 150°C): N/A	Specific Gravity(Approx.): N/D
Vapor Density: N/A	% Volatile by Volume: 48%
Solubility in Water: Negligible	Evaporation Rate: N/A
pH: 9-12	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Strong Acids, Strong Bases, Oxidizing Agents, Magnesium, and Hydrocarbons. Zinc Oxide has been reported to cause a violent explosion when mixed in a chlorinated rubber batch.  
Hazardous Decomposition Products: Oxides of Carbon, Sulfur, Sodium, and Nitrogen, Carbon and Hydrogen Sulfide  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): May contain <0.0015% Formaldehyde, <0.0006% Naphthalene, and <0.006% 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 Oxide(CAS# 1314-13-2), Zinc Diethyldithiocarbamate (CAS# 14324-55-1), N,N'-Diphenylguanidine(CAS# 102-06-7), Lead(CAS# 7439-92-1), and Cadmium (CAS# 7440-43-9), 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: February 3, 2011

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