

# FIRESTONE POLYMERS

## Material Safety Data Sheet

Issue Date: 10/11/07

Reviewed Date: June 29, 2007

Revision Date: June 29, 2007

### SECTION 1: PRODUCT IDENTIFICATION

Product Name: Diene™ Polybutadiene  
Chemical Name /Synonym: Polybutadiene; PBD  
Chemical Family: Polybutadiene polymers  
24-Hour Emergency Phone: Chemtrec (USA): 800-424-9300  
Chemtrec (International): 703-527-3887 (call collect)  
Non-emergency information: Amy Ciesielczyk: 330-379-7867 (U.S.A.)  
Manufacturer's Name: Firestone Polymers  
Manufacturer's Address: 381 W. Wilbeth Rd., Akron, OH 44301 (U.S.A.)  
NFPA Hazard Rating: Health-0 / Flammability-1 / Reactivity-0  
HMIS Hazard Rating: Health-0 / Flammability-1 / Reactivity-0  
OSHA Hazardous: No

### SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Polybutadiene	PBD	9003-17-2	98%+	None

### SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: N/A  
Signs and Symptoms of Exposure: N/A  
Medical Conditions Aggravated by Exposure: N/A  
Chronic Effects: None  
Carcinogenicity: N/A

### SECTION 4: FIRST AID MEASURES

First Aid Procedures: Ingestion—DO NOT induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested; seek medical advice.

# FIRESTONE POLYMERS

## Material Safety Data Sheet

---

### SECTION 5: FIRE FIGHTING PROCEDURES

---

Suitable Extinguishing Media:	Water or foam
Hazardous Combustion Products:	Oxides of carbon
Recommended Fire Fighting Procedures:	Use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	None

---

### SECTION 6: ACCIDENTAL RELEASE MEASURES

---

Steps to Be Taken in Case Material is Released or Spilled:	A release or spill of this material would not constitute a safety hazard.
--	---

---

### SECTION 7: HANDLING AND STORAGE

---

Precautions to be taken in Handling and storing:	Store at temperatures <150° F.
--	--------------------------------

---

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

---

Ventilation:	N/A
Respiratory Protection:	None required.
Eye Protection:	N/A
Skin Protection:	N/A
Other:	N/A
Work / Hygienic Practices:	At the end of each work period and before eating or smoking, wash, with soap and water, areas of the body coming in contact with this product.

---

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

Appearance and Odor:	Amorphous solid; little, if any, color or odor		
Flash Point:	N/A	Lower Explosive Limit:	N/A
Method Used:	N/A	Upper Explosive Limit:	N/A
Evaporation Rate:	N/A	Boiling Point:	N/A
pH:		Melting Point:	N/A
Solubility in Water:	Nil	Specific Gravity:	>0.90
Vapor Density (Solvent Only):	N/A	Percent Volatile:	<1%
Vapor Pressure (Solvent Only):			

# FIRESTONE POLYMERS

## Material Safety Data Sheet

---

### SECTION 10: STABILITY AND REACTIVITY

---

Thermal Stability: Material is stable.  
Hazardous Polymerization: May not occur  
Conditions to Avoid: N/A

---

### SECTION 11: TOXICOLOGICAL INFORMATION

---

No toxicological information is available for the polymer product as a whole although the polymer base is considered practically non-hazardous. None of the additives are carcinogenic.

---

### SECTION 12: ECOLOGICAL INFORMATION

---

This product has not been tested for ecological hazards; ecological hazards are unknown.

---

### SECTION 13: DISPOSAL

---

Incinerate or landfill in accordance with applicable environmental regulations. Recycle if possible.

---

### SECTION 14: TRANSPORTATION

---

Regulatory Agency: N/A  
Proper Shipping Name: N/A  
Hazard Classification: This product is not classified as hazardous.  
Identification Number: N/A  
Labels Required: No special labeling required.  
Other Requirements: None

---

### SECTION 15: OTHER REGULATORY INFORMATION

---

SARA: This product does not contain any chemicals reportable under SARA Title III, Section 313.  
WHMIS: This product does not meet any of the criteria of a controlled product, as defined by WHMIS.  
DOT: This product is not classified as hazardous.  
TSCA: This product, including all additives, is on the TSCA inventory.  
LABELING: No special labeling required. If special labeling is requested, please contact name/number given below.

# FIRESTONE POLYMERS

## Material Safety Data Sheet

---

### SECTION 16: OTHER INFORMATION

---

Additional Comments: None  
Date Prepared ( ) / Revised ( X ): June 29, 2007  
Date of Previous MSDS: October 29, 2003  
Date Reviewed: June 29, 2007

Changes Since Previous MSDS: Page 1, header - Reviewed date added  
Section 2: Changed Wt% from 99%+ to 98%+  
Section 2: Removed Comments  
Section 9: Changed Percent Volatile from N/A to <1%

Name/telephone number for additional information: Amy Ciesielczyk - Phone: 330-379-7867 (U.S.A.)

---

### DISCLAIMER

---

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Polymers assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Polymers assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.