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
Non-emergency information: Chemtrec (International): 703-527-3887 (call collect)
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

<table>
<thead>
<tr>
<th>Chemical Name:</th>
<th>Common Name:</th>
<th>CAS #:</th>
<th>% (by wt)</th>
<th>Exposure Limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polybutadiene</td>
<td>PBD</td>
<td>9003-17-2</td>
<td>98%+</td>
<td>None</td>
</tr>
</tbody>
</table>

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.
**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**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation</td>
<td>N/A</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>None required.</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>N/A</td>
</tr>
<tr>
<td>Skin Protection</td>
<td>N/A</td>
</tr>
<tr>
<td>Other</td>
<td>N/A</td>
</tr>
<tr>
<td>Work / Hygienic Practices</td>
<td>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.</td>
</tr>
</tbody>
</table>

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odor</td>
<td>Amorphous solid; little, if any, color or odor</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Method Used</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Nil</td>
</tr>
<tr>
<td>Vapor Density (Solvent Only)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (Solvent Only)</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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.
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.