

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standards 29 CRP 1910.1200. Standards must be consulted for specific requirements.

**Section I****Manufacturer's Name & Address:**

Engineered Products Company  
5401 Smetana Drive  
Minnetonka, MN 55343

**Emergency Telephone Number:**

(314) 752-4667

**Chemical Family:**

Butyl Rubber Composite

**Date Prepared:**

1/05/2010

**Product Use:**

Thumb Grade Sealer

**Product Name:**

#1003 (Duct Seal)

**Section II - HAZARDOUS INGREDIENTS****Hazardous Components:****CAS #:****OSHA PEL:**

**ACGIH TLV:** n/a

The primary components utilized in the manufacturing of this product are inert inorganic minerals, water, surfactants and polyisobutylene. These materials are believed to be non-hazardous and are listed under TOSCA regulations.

**Section III - PHYSICAL DATA**

<b>Physical State:</b>	Solid	<b>Odor &amp; Appearance:</b>	Dark gray thumbable solid with no odor.
<b>Vapor Pressure:</b>	n/a	<b>Vapor Density:</b>	n/a
<b>pH:</b>	n/a	<b>Evaporation Rate:</b>	n/a
<b>Specific Gravity:</b>	1.65	<b>Coeff. Water/Oil Dist.:</b>	n/a
<b>VOC (Grams/Liter):</b>	n/a	<b>Boiling Point (C):</b>	n/a
<b>Solubility in Water:</b>	Insoluble	<b>Odor Threshold (ppm):</b>	n/a
<b>Freezing Point (C):</b>	n/a	<b>Volatiles by Wt. (%):</b>	2

**Section IV - FIRE & EXPLOSION HAZARD DATA**

<b>Flammability:</b>	Yes ( ) No(x) If yes, under which conditions: n/a
<b>Flash-pointing:</b>	590 <sup>o</sup> F COC
<b>Auto-ignition:</b>	Not Established
<b>Lower/Upper Flammable Limit:</b>	n/a
<b>Hazardous combustion Products:</b>	n/a
<b>Explosion Data:</b>	n/a
<b>Sensitivity to Impact:</b>	Not sensitive to impact
<b>Sensitivity to Static Discharge:</b>	Not sensitive to static discharge
<b>Extinguishing Media:</b>	Use water, Foam, Carbon Dioxide, or dry chemical self-contained breathing apparatus. Nitrogen oxides and carbon monoxides may be evolved.
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known.

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**Section V - REACTIVITY DATA**

<b>Chemical Stability:</b>	Unstable ( )	Stable (x)
<b>Hazardous Polymerization:</b>	May Occur ( )	Will not Occur (x)
<b>Conditions to Avoid:</b>	n/a	
<b>Incompatibility: (Materials to Avoid)</b>	Strong Oxidizing Agents, Acids or Bases	
<b>Hazardous Decomposition Products:</b>	Toxic gases or vapors, such as Carbon Monoxide and Carbon Dioxide.	

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**Section VI - TOXICOLOGICAL PROPERTIES**

**Route of Entry:** Skin Contact ( ) Skin Absorption ( ) Eye Contact ( ) Inhalation ( ) Ingestion ( )

<b>Effects of Acute Exposure to Product:</b>	n/a
<b>Effects of chronic Exposure to Product:</b>	None known.
<b>Exposure Limits:</b>	None established.
<b>Irritability of Product:</b>	None known.
<b>Sensitization to Product:</b>	None known.
<b>Carcinogenicity:</b>	No evidence.
<b>Teratogenicity:</b>	None known
<b>Reproductive Toxicity:</b>	None known
<b>Mutagenicity:</b>	None known
<b>Synergistic Products:</b>	None known

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**Section VII - PREVENTATIVE MEASURES**

<b>Personal Protective Equipment:</b>	
<b>Gloves (specify):</b>	Cotton or other protective gloves.
<b>Respirator (specify):</b>	None needed.
<b>Eye (specify):</b>	Glasses or goggles recommended. Good industrial practice should be observed.
<b>Footwear (specify):</b>	Industrial shoes to protect skin from adhesive contact.
<b>Clothing (specify):</b>	Long sleeves, long trousers to protect skin from contact.
<b>Other (specify):</b>	None known
<b>Engineering Controls (specify): (EG, Ventilation Enclosed Process)</b>	n/a
<b>Leak or Spill Procedure:</b>	n/a
<b>Waste Disposal:</b>	Dispose of accordance with all local, state and federal regulations.
<b>Handling Procedures &amp; Equipment:</b>	Wash hands with soap and water before eating.
<b>Storage Requirements:</b>	Store in a cool, dry place.
<b>Special Shipping Information:</b>	Class 50

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**Section VIII - FIRST AID MEASURES****Specific Measures:**

<b>Eye Contact:</b>	Do not remove, seek medical attention immediately.
<b>Skin contact:</b>	If too sensitive, seek medical attention.
<b>Inhalation:</b>	n/a
<b>Ingestion:</b>	Not likely, but if ingested, could constipate or create a blockage. Seek medical attention.

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**Section IX - SARA SECTION 311 SUPPLIER NOTIFICATION**

<b>Cas Number:</b>	n/a
<b>Chemical Name:</b>	n/a
<b>Percent by Weight:</b>	n/a

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**Section X - PREPARATION INFORMATION**

<b>Prepared By (Group, Department, etc.):</b>	Research & Development, Vasu Patel
<b>Phone Number:</b>	(314) 752-4667
<b>Date:</b>	01/05/2009

**Supersedes All Previous Publications**