

**MSDS - 3300PS****MATERIAL SAFETY DATA SHEET**

<b>Product Identifier</b>	<b>Firestop 3300PS</b>
<b>Product Use</b>	Fire and Smoke Protection Putty Stick
<b>Manufacturer</b>	Passive Fire Protection Partners, 1412 Derwent Way, Delta, BC V3M 6H9
<b>Emergency Number</b>	<b>(800) 810 - 1788</b>

**INGREDIENT INFORMATION**

<b>Ingredient</b>	<b>CAS #</b>	<b>% (wt.)</b>	<b>LC<sub>50</sub> (rat)</b>	<b>LD<sub>50</sub> (rat)</b>	<b>TLV</b>	<b>STEL</b>
Polyisobutylene Resin	9003-29-6	< 30	N/A	N/A	N/A	N/A
Auxiliary Chemicals	N/A	< 70	N/A	N/A	N/A	N/A
Color Pigment	1309-37-1	< 1	N/A	N/A	10 mg/m <sup>3</sup>	N/A

**PHYSICAL PROPERTIES**

<b>Appearance / Physical State</b>	Moldable, dark red putty	<b>Specific Gravity (@25°C)</b>	1.27 – 1.47
<b>Odour</b>	Negligible odour	<b>Evaporation Rate</b>	N/A
<b>Odour Threshold</b>	N/A	<b>Boiling Point (°C)</b>	N/A
<b>Vapour Pressure (mm Hg)</b>	N/A	<b>Freezing Point (°C)</b>	N/A
<b>Vapour Density (Air = 1)</b>	N/A	<b>pH</b>	Not determined.
<b>Coefficient of H<sub>2</sub>O/Oil Distrib</b>	Not determined.	<b>VOC contents (g/L)</b>	0

**FIRE AND EXPLOSION DATA**

<b>Flammability</b>	No
<b>Means of Extinction</b>	Carbon Dioxide, extinguish powder or water spray. Fight larger fire with water spray or alcohol resistant foam.
<b>Special Fire-fighting Procedures</b>	Firefighters should wear the usual protective gear, including the use of self-contained breathing apparatus.
<b>Auto-ignition Temperature (°C)</b>	N/A
<b>Flash Point (°C) / Method</b>	N/A
<b>Upper Flammable Limit (% Vol.)</b>	N/A
<b>Lower Flammable Limit (% Vol.)</b>	N/A
<b>Sensitivity to Mechanical Impact</b>	No
<b>Sensitivity to Static Discharge</b>	No
<b>Hazardous Combustion Products</b>	Carbon Dioxide, Carbon Monoxide, Hydrogen Bromide, Bromine.

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**REACTIVITY DATA**

<b>Stability</b>	Stable under normal storage conditions.
<b>Condition of Reactivity</b>	Avoid temperature above 216°C.
<b>Incompatible Materials</b>	Strong oxidizing and alkaline materials.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may yield the following: Carbon Dioxide, Carbon Monoxide, Hydrogen Bromide, Bromine, Nitrogen, Phosphorous, Ammonia, 1,4-Dicyanobenzene, 4-cyanobenzene, and Antimony fumes.

**TOXICOLOGICAL PROPERTIES**

<b>Routes of Exposure</b>	<input checked="" type="checkbox"/> Skin contact	<input type="checkbox"/> Skin absorption	<input type="checkbox"/> Eye contact	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
<b>Effects of Acute Exposure to Product</b>	Skin and eye irritation may occur after contact with the product.				
<b>Effects of Chronic Exposure to Product</b>	None known				
<b>Exposure Limits</b>	None known				
<b>Irritancy of Product</b>	Slight on skin				
<b>Sensitization of Product</b>	None known				
<b>Carcinogenicity</b>	None known				
<b>Teratogenicity</b>	None known				
<b>Reproductive Toxicity</b>	None known				

**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flush eyes with large amount of water. Get immediate medical attention.
<b>Skin Contact</b>	Flush skin with large amount of soapy water. If irritation persists, get medical attention.
<b>Inhalation</b>	Remove person to fresh air and get medical attention IMMEDIATELY.
<b>Ingestion</b>	Get medical attention IMMEDIATELY.

**PREVENTIVE MEASURES**

<b>Engineering Controls</b>	Standard industrial ventilation is recommended during normal use.
<b>Personal Protective Equipment</b>	Not generally required during normal use and handling.
<b>Eye Protection (Specify)</b>	Safety glasses.
<b>Skin Protection (Specify)</b>	Chemical resistant nitrile, neoprene or rubber gloves are recommended if contact to the product directly.
<b>Respiratory (Specify)</b>	None normally required. However, if condition warrant, use a NIOSH/MSHA approved respirator.
<b>Other</b>	

**PRECAUTION FOR SAFE HANDLING AND USE**

<b>Handling Procedure and Equipment</b>	N/A
<b>Storage Requirement</b>	Material should be kept in original closed container and stored below 50°C (122°F).
<b>Spills, Leaks or Releases</b>	Wear protective equipment during cleanup.
<b>Waste Disposal</b>	Waste must be disposed of in accordance with federal, provincial and local environmental control regulations.
<b>Special Shipping Instructions</b>	N/A

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**REGULATION INFORMATION**

<b>WHMIS</b>	Not controlled
<b>HMIS</b>	Health 1, Flammability 0, Reactivity 0
<b>TDG Regulation</b>	Not classified as a hazardous material
<b>TSCA</b>	All ingredients of this product are on the inventory list.
<b>DSL</b>	All ingredients of this product are on the list, except ammonium polyphosphate.

**PREPARATION INFORMATION**

<b>Prepared by</b>	Chemical Laboratory, Passive Fire Protection Partners
<b>Date of Issue</b>	September 1, 2017
<b>Telephone</b>	(604) 515-1788
<b>Website</b>	www.firestop.com
<b>Abbreviations Used</b>	<p><b>% (wt.)</b> = Weight Percentage  <b>ACGIH</b> = American Conference of Governmental Industrial Hygienists  <b>CAS Number</b> = Chemical Abstracts Series Number  <b>DSL</b> = Domestic Substance List in Canada  <b>H</b> = Hours  <b>HMIS</b> = Hazardous Material Identification System  <b>IARC</b> = International Agency for Research on Cancer  <b>LC<sub>50</sub></b> = Lethal Concentration, 50%  <b>LD<sub>50</sub></b> = Lethal Dose, 50%  <b>MSHA</b> = Mine Safety and Health Administration  <b>N/A</b> = Not Applicable or Not Available  <b>N/E</b> = None Established  <b>NIOSH</b> = The National Institute for Occupational Safety and Health  <b>NTG</b> = National Toxicology Program  <b>OSHA</b> = The Occupational Safety and Administration  <b>STEL</b> = Short Term Exposure Limit  <b>TDG</b> = Transportation of Dangerous Goods  <b>TLV</b> = Threshold Limit Value  <b>TSCA</b> = Toxic Substance Control Act in US  <b>VOC</b> = Volatile Organic Compounds  <b>WHMIS</b> = Workplace Hazardous Material Identification System</p>

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