



**MATERIAL SAFETY DATA SHEET**

**Product Identifier** Firestop 4800DW  
**Product Use** Fire and Smoke Stop Caulk and Sealant  
**Manufacturer** Passive Fire Protection Partners, 1412 Derwent Way, Delta, BC V3M 6H9  
**Emergency Number** (800) 810 - 1788

**INGREDIENT INFORMATION**

Ingredient	CAS #	% (wt.)	LC <sub>50</sub> (rat)	LD <sub>50</sub> (rat)	TLV	STEL
Calcium Carbonate	1317-65-3	< 50	N/A	N/A	N/A	N/E
Vinyl Acetate Polymers	Not disclosed	< 40	N/A	N/A	N/A	N/A
Water	7732-18-5	< 25	N/A	N/A	N/E	N/E
Auxiliary Chemicals	N/A	< 5	N/A	N/A	N/A	N/A
Iron Red Oxide <sup>(1)</sup>	1309-37-1	< 0.5	N/A	N/A	N/A	N/A
Iron BlackOxide <sup>(2)</sup>	1317-61-9	< 0.1	N/A	N/A	N/A	N/A
Titanium Dioxide <sup>(2),(3)</sup>	13463-67-7	< 1	N/A	N/A	10 mg/m <sup>3</sup>	N/A
Iron Yellow Oxide <sup>(4)</sup>	51274-00-1	< 0.5	N/A	N/A	N/A	N/A
Aqueous Colorant, Blue <sup>(5)</sup>	N/A	< 0.5	N/A	N/A	N/A	N/A

(1) - Red; (2) - Grey; (3) - White; (4) - Yellow; (5) - Blue

**PHYSICAL PROPERTIES**

<b>Appearance / Physical State</b>	Red, viscous compound	<b>Specific Gravity (@25°C)</b>	1.40 – 1.50
<b>Odour</b>	Mild odour	<b>Evaporation Rate</b>	< 1
<b>Odour Threshold</b>	Slight aromatic odour	<b>Boiling Point (°C)</b>	> 100
<b>Vapour Pressure (mm Hg)</b>	18.51880	<b>Freezing Point (°C)</b>	0
<b>Vapour Density (Air = 1)</b>	of water vapor	<b>pH</b>	8 - 9
<b>Coefficient of H<sub>2</sub>O/Oil Distrib</b>	Not determined	<b>VOC contents (g/L)</b>	32.5

**FIRE AND EXPLOSION DATA**

<b>Flammability</b>	No
<b>Means of Extinction</b>	Normal fire fighting procedures should be followed to avoid inhalation of smokes and gases.
<b>Special Fire-fighting Procedures</b>	Firefighters should wear the usual protective gear use 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 Monoxide and/or Carbon Dioxide





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**REACTIVITY DATA**

<b>Stability</b>	Stable at normal condition
<b>Condition of Reactivity</b>	Contact with incompatible substances
<b>Incompatible Materials</b>	Reacts with strong acids and liberates carbon dioxide
<b>Hazardous Decomposition Products</b>	Dried film forced to burn will produce: Carbon Monoxide, Carbon Dioxide, and Hydrocarbon Oxidation products.

**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 eyes 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 and eyes
<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>	Flush with large quantities of water gently for 15 minutes and get immediate medical attention.
<b>Skin Contact</b>	Wash with soap and water immediately
<b>Inhalation</b>	Remove affected person away from source of exposure to fresh air and get medical attention IMMEDIATELY.
<b>Ingestion</b>	Get medical attention IMMEDIATELY.

**PREVENTIVE MEASURES**

<b>Engineering Controls</b>	General ventilation is recommended during normal use. .
<b>Personal Protective Equipment</b>	Not generally during normal use and handling.
<b>Eye Protection (Specify)</b>	Face shield or chemical goggles were recommended.
<b>Skin Protection (Specify)</b>	Chemical resistant nitrile, neoprene or rubber gloves were recommended if contact to the product directly.
<b>Respiratory (Specify)</b>	Respiratory was recommended if the product was installed in poorly ventilated areas.
<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 a closed container stored between 4 - 32°C (40 - 90°F).
<b>Spill, Leak or Releases</b>	Wear protective equipment during cleanup.
<b>Waste Disposal</b>	Care should be taken to ensure that the material or its containers and disposed of in an approved facility, state, provincial and local environmental control regulations.
<b>Special Shipping Instructions</b>	DO NOT FREEZE





**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.

**PREPARATION INFORMATION**

<b>Prepared by</b>	Chemical Laboratory, Passive Fire Protection Partners
<b>Date of Issue</b>	June 13, 2001
<b>Telephone</b>	(604) 515-1788
<b>Website</b>	www.firestop.com
<b>Reason for Revision</b>	New formulation, rev 001, March 22, 2002 New format MSDS, rev 002, September 16, 2004 Ingredient information updating, rev 003, November 10, 2006 MSDS reviewing, rev 004, December 30, 2008 Formulation updating, rev 005, August 24, 2009 Spelling mistake on Section of Precaution for Safe Handling and Use, rev 006, March 1, 2010 Formulation updating, rev 007, January 3, 2011 MSDS format change, rev 008, September 24, 2012
<b>Revision Date</b>	September 22, 2016
<b>Abbreviations Used</b>	% (wt.) = Weight Percentage

- ACGIH** = American Conference of Governmental Industrial Hygienists
- CAS Number** = Chemical Abstracts Series Number
- DSL** = Domestic Substance List in Canada
- H** = Hours
- HMIS** = Hazardous Material Identification System
- IARC** = International Agency for Research on Cancer
- LC<sub>50</sub>** = Lethal Concentration, 50%
- LD<sub>50</sub>** = Lethal Dose, 50%
- MSHA** = Mine Safety and Health Administration
- N/A** = Not Applicable or Not Available
- N/E** = None Established
- NIOSH** = The National Institute for Occupational Safety and Health
- NTG** = National Toxicology Program
- OSHA** = The Occupational Safety and Administration
- STEL** = Short Term Exposure Limit
- TDG** = Transportation of Dangerous Goods
- TLV** = Threshold Limit Value
- TSCA** = Toxic Substance Control Act in US
- VOC** = Volatile Organic Compounds
- WHMIS** = Workplace Hazardous Material Identification System

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