



## MATERIAL SAFETY DATA SHEET

**Product identifier:** CP 606 Flexible Firestop Sealant  
**Product use:** Fire resistant acrylic based sealant for use in fire rated joint applications  
**Supplier:** Hilti (Canada) Corporation, 2360 Meadowpine Blvd., Mississauga, Ontario L5N 6S2  
**Originator:** Hilti, Inc., P. O. Box 21148, Tulsa, Oklahoma, USA 74121  
**Emergency number:** Chem-Trec: 1 800 424 9300

## INGREDIENTS INFORMATION

Ingredient	CAS Number	% (wt.)	LC <sub>50</sub> (rat)	LD <sub>50</sub> (rat)	TLV	STEL
Calcium carbonate	01317-65-3	50 - 55	N/Av	N/Av	N/E	N/E
Water	07732-18-5	15 - 20	N/Av	N/Av	N/E	N/E
Isononyl phthalate	28553-12-0	10 - 15	N/Av	N/Av	N/E	N/E
Polybutene	09003-29-6	01 - 05	N/Av	N/Av	N/E	N/E
Ethylene glycol	00107-21-1	01 - 05	N/Av	5500 mg/kg (mouse)	N/E	C:100 mg/m <sup>3</sup> (A)
Pigments:						
• Titanium dioxide	13463-67-1 <sup>1</sup>	01-05	N/Av	N/Av	10 mg/m <sup>3</sup>	N/E
• Red iron oxide	1309-37-1 <sup>2</sup>	01-05	N/Av	N/Av	5 mg/m <sup>3</sup> (R)	N/E
• Black iron oxide	28553-12-0 <sup>3</sup>	01-05	N/Av	N/Av	N/E	N/E

<sup>1</sup>CP606 white    <sup>2</sup>CP606 red    <sup>1,3</sup>CP606 grey

## PHYSICAL PROPERTIES

<b>Appearance / Physical state:</b>	White, red, or grey paste.	<b>Odour:</b>	Mild odour.
<b>Specific gravity (at 20°C):</b>	1.55	<b>VOC Content:</b>	71.0 g/L
<b>Vapour pressure (at 20°C):</b>	Not applicable.	<b>Vapour density:</b>	Not applicable.
<b>Evaporation rate:</b>	Not determined.	<b>Boiling point:</b>	Not determined.
<b>Freezing point:</b>	Not determined.	<b>pH:</b>	Not determined.
<b>Coefficient of H<sub>2</sub>O / oil distrib:</b>	Not determined.	<b>Solubility in water:</b>	Miscible.

## FIRE AND EXPLOSION DATA

<b>Flash point / Method:</b>	Nonflammable.	<b>Flammable limits:</b>	Not applicable.
<b>Conditions of flammability:</b>	Not applicable.	<b>Auto-ignition temperature:</b>	Not applicable.
<b>Means of extinction:</b>	Not applicable. As appropriate for surrounding fire (e.g. Water, CO <sub>2</sub> , Dry Chemical, Foam).		
<b>Special fire fighting procedures:</b>	None known. A NIOSH-approved self-contained breathing apparatus (SCBA) should be worn when fighting fires involving chemicals.		
<b>Hazardous combustion products:</b>	Not determined.		
<b>Sensitivity to mechanical impact / static discharge:</b>	Not susceptible to mechanical impact or to a static discharge.		

## REACTIVITY DATA

<b>Stability:</b>	Stable.	<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Conditions of reactivity:</b>	None known.		
<b>Hazardous decomposition products:</b>	Not determined.		

## TOXICOLOGICAL PROPERTIES

<b>Routes of exposure:</b>	<input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Skin absorption <input checked="" type="checkbox"/> Eye contact <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion
<b>Exposure limits:</b>	See "Ingredients" section above.

<b>Acute effects of exposure:</b>	<b>Eyes</b> – Slightly alkaline material; can cause irritation but injury is unlikely. <b>Skin</b> - Can cause irritation with some individuals. <b>Inhalation</b> - No effects expected. <b>Ingestion</b> - Not a likely route of exposure. Effects of ingestion have not been determined.
<b>Chronic effects of exposure:</b>	None known.
<b>Synergistic materials:</b>	None known.

#### FIRST AID MEASURES

<b>Eyes:</b>	Flush immediately with plenty of water. Call a physician if symptoms occur.
<b>Skin:</b>	Wash with soap and water. Seek medical attention if any effects persist.
<b>Inhalation:</b>	No ill effects expected. Should discomfort occur, move to fresh air.
<b>Ingestion:</b>	Do not induce vomiting unless directed by a Physician. Contact a Physician immediately.
<b>Other:</b>	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure

#### PREVENTIVE MEASURES

<b>Engineering controls:</b>	General (natural or mechanically induced fresh air movements).
<b>Eye protection:</b>	Safety glasses with side shields recommended.
<b>Skin protection:</b>	Impermeable gloves recommended.
<b>Respiratory protection:</b>	None normally required.
<b>Other:</b>	No additional measures are normally required.
<b>Handling procedures and equipment:</b>	For industrial use only. Keep container sealed when not in use to prevent curing of the product. Avoid contact with the eyes and skin. Practice good hygiene; i.e. wash after using and before eating or smoking.
<b>Storage requirements:</b>	Keep out of reach of children. Store in a cool dry area. Keep from freezing. Shelf life is one year from date of manufacture if stored between 40° and 77° F (5 - 25° C).
<b>Spill, leak or release:</b>	Immediately wipe away spilled material before it hardens. Place in a container for proper disposal in accordance with all applicable local, state, or federal requirements.
<b>Waste disposal:</b>	Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, provincial, and federal safety, health and environmental regulations.
<b>Special shipping instructions:</b>	Avoid temperature extremes. Keep from freezing.

#### REGULATORY INFORMATION

<b>WHMIS classification:</b>	D2B
<b>HMIS codes:</b>	Health 0, Flammability 0, Reactivity 0, PPE B (glasses, gloves)
<b>TDG shipping name:</b>	Not regulated.

#### PREPARATION INFORMATION / CONTACTS

<b>Prepared by:</b>	Hilti, Inc., Tulsa, OK USA	<b>Date of Preparation:</b>	May 23, 2012	<b>Emergency phone number:</b>	1 800 424 9300
<b>Customer Service:</b>	Hilti (Canada) Corporation, Mississauga, Ontario; 1 800 363 4458				
<b>Health / Safety contacts:</b>	Hilti, Inc., Tulsa, OK USA; 1 800 879 6000, Jerry Metcalf (x1003704)				
<b>Abbreviations used:</b>	<b>N/E</b> = None Established. <b>N/Av</b> = Not Available. <b>HMIS:</b> Hazardous Materials Identification System. <b>TLV</b> = ACGIH Threshold Limit Value. <b>STEL</b> =Short Term Exposure Limit. <b>R</b> = Respirable Dust. <b>A</b> =Aerosol				

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