



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, 6790 Century Avenue, Suite #300, Mississauga, Ontario L5N 2V8
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 ₅₀ (rat)	LD ₅₀ (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 ³ (A)
Pigments:						
• Titanium dioxide	13463-67-1 ¹	01-05	N/Av	N/Av	10 mg/m ³	N/E
• Red iron oxide	1309-37-1 ²	01-05	N/Av	N/Av	5 mg/m ³ (R)	N/E
• Black iron oxide	28553-12-0 ³	01-05	N/Av	N/Av	N/E	N/E

¹CP606 white ²CP606 red ^{1,3}CP606 grey

PHYSICAL PROPERTIES

Appearance / Physical state:	White, red, or grey paste.	Odour:	Mild odour.
Specific gravity (at 20°C):	1.55	VOC Content:	71.0 g/L
Vapour pressure (at 20°C):	Not applicable.	Vapour density:	Not applicable.
Evaporation rate:	Not determined.	Boiling point:	Not determined.
Freezing point:	Not determined.	pH:	Not determined.
Coefficient of H₂O / oil distrib:	Not determined.	Solubility in water:	Miscible.

FIRE AND EXPLOSION DATA

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

REACTIVITY DATA

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

TOXICOLOGICAL PROPERTIES

Routes of exposure:	<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
Exposure limits:	See "Ingredients" section above.

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

FIRST AID MEASURES

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

PREVENTIVE MEASURES

Engineering controls:	General (natural or mechanically induced fresh air movements).
Eye protection:	Safety glasses with side shields recommended.
Skin protection:	Impermeable gloves recommended.
Respiratory protection:	None normally required.
Other:	No additional measures are normally required.
Handling procedures and equipment:	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.
Storage requirements:	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).
Spill, leak or release:	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.
Waste disposal:	Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, provincial, and federal safety, health and environmental regulations.
Special shipping instructions:	Avoid temperature extremes. Keep from freezing.

REGULATORY INFORMATION

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

PREPARATION INFORMATION / CONTACTS

Prepared by:	Hilti, Inc., Tulsa, OK USA	Date of Preparation:	June 7, 2007	Emergency phone number:	1 800 424 9300
Customer Service:	Hilti (Canada) Corporation, Mississauga, Ontario; 1 800 363 4458				
Health / Safety contacts:	Hilti, Inc., Tulsa, OK USA; 1 800 879 6000, Jerry Metcalf (x6704)				
Abbreviations used:	N/E = None Established. N/Av = Not Available. HMIS: Hazardous Materials Identification System. TLV = ACGIH Threshold Limit Value. STEL =Short Term Exposure Limit. R = Respirable Dust. A =Aerosol				

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