



Hilti (Canada) Corporation

MSDS No.: 266C
Revision No.: 006
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MATERIAL SAFETY DATA SHEET

Product identifier: CP 601S Elastomeric Firestop Sealant
Product use: Fire resistant silicone 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 ₅₀ , (rat)	LD ₅₀ (rat)	TLV	STEL
Calcium carbonate	000471-34-1	45 - 55	N/Av	N/Av	N/A	N/E
Polydimethylsiloxanes	068037-58-1	25 - 35	N/Av	N/Av	N/E	N/E
Siloxanes and silicones, di-Me	063148-62-9	20 - 40	N/Av	> 24,000 mg/kg	N/E	N/E
Fumed silica	112945-52-5	03 - 09	N/Av	N/Av	N/A	N/E
Methyltrimethoxysilane	001185-55-3	01 - 05	N/Av	N/Av	N/E	N/E
Hydrogenated castor oil	008001-78-3	< 1	N/Av	> 10,000 mg/kg	N/E	N/E

PHYSICAL PROPERTIES

Appearance / Physical state:	Red paste.	Odour:	Negligible odour.
Specific gravity (at 20°C):	1.3 - 1.4	VOC Content:	3.0 g/L
Vapour pressure (at 20°C):	23 mbar	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:	Negligible.

FIRE AND EXPLOSION DATA

Flash point / Method:	Nonflammable.	Flammable limits:	Not applicable.
Conditions of flammability:	> 300° F / 150° C	Auto-ignition temperature:	Not applicable.
Means of extinction:	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:	None known. Thermal decomposition products such as oxides of carbon, carbon fluoride and formaldehyde may be evolved at temperatures >150C/300F. The chemical nature and quantity of decomposition byproducts will vary widely depending on the conditions of combustion.		
Sensitivity to mechanical impact / static discharge:	Not susceptible to mechanical impact or to a static discharge.		

REACTIVITY DATA

Stability:	Stable.	Conditions of reactivity:	None known.
Incompatible materials:	Strong acids, peroxides and amines.		
Hazardous decomposition products:	Thermal decomposition can yield oxides of carbon, carbon fluoride and formaldehyde may be evolved at temperatures >150C/300F.		

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: Can cause irritation but injury is unlikely. Skin: No effects expected. Irritation is possible with some individuals. Inhalation: No effects expected. Ingestion: Not considered a route of exposure. Effects of ingestion have not been determined. Considered to have a low acute oral toxicity.
Chronic effects of exposure:	None known.
Synergistic materials:	None known.

FIRST AID MEASURES

Eyes:	Flush 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 out of reach of children. Use with adequate ventilation. Keep container closed when not in use. Do not get into the eyes. Avoid prolonged or repeated contact with the skin. Practice good hygiene; i.e., wash after using and before eating or smoking.
Storage requirements:	Store in a cool dry area. Keep from freezing. Store between 5° and 25° C.
Spill, leak or release:	Immediately wipe away spilled material before it hardens. Place in a container for proper disposal.
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 1, Flammability 1, Reactivity 0, PPE B (glasses, gloves)
TDG shipping name:	Not regulated.

PREPARATION INFORMATION / CONTACTS

Prepared by:	Hilti, Inc., Tulsa, OK USA	Date of Preparation:	August 20, 2009	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 (x1003704)				
Abbreviations used:	N/E = None Established. N/A = Not Applicable. N/Av = Not Available. HMIS: Hazardous Materials Identification System				

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