



Hilti (Canada) Corporation

MSDS No.: 283C
Revision No.: 005
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MATERIAL SAFETY DATA SHEET

Product Identifier: CP 604 Self-Leveling Firestop Sealant
Product use: A self-leveling flexible sealant for firestopping construction joints and metal pipes
Supplier: Hilti (Canada) Corporation, 2360 Meadowpine Blvd., Mississauga, Ontario L5N 6S2V
Originator: Hilti, Inc., P. O. Box 21148, Tulsa, Oklahoma, USA 74121
Emergency number: 1 800 424 9300 (Chem-Trec)

INGREDIENTS INFORMATION

Ingredient	CAS Number	% (wt.)	LC ₅₀ , (rat)	LD ₅₀ (rat)	TLV	STEL
Polydimethylsiloxane diol	70131-67-8	35 – 45	N/Av	> 64 ml/kg	N/A (10 mg/m ³)	N/E
Calcium carbonate	01317-65-3	35 – 45	N/Av	N/Av	N/A (10 mg/m ³)	N/E
Polydimethylsiloxane	63148-62-9	10 – 15	N/Av	N/Av	N/E	N/E
Methyl oximino silane	22984-54-9	0.1 – 05	N/Av	N/Av	N/E	N/E
Vinyl oximino silane	02224-33-1	0.1 – 05	N/Av	N/Av	N/E	N/E
Fumed silica	68611-44-9	0.1 – 05	N/Av	N/Av	N/A (10 mg/m ³)	N/E
Titanium dioxide	13463-67-7	0.1 – 05	N/Av	N/Av	N/A (10 mg/m ³)	N/E
Ferric oxide	01309-37-1	0.1 – 05	N/Av	N/Av	N/E	N/E

PHYSICAL PROPERTIES

Appearance / Physical state:	Grey paste	Odour:	Mild odour.
Specific gravity (at 20°C):	1.3 – 1.4	VOC Content:	53.0 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:	Not easily mixed.

FIRE AND EXPLOSION DATA

Flash point / Method:	Not applicable.	Flammable limits:	Not applicable.
Conditions of flammability:	Not determined.	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 can be formed; e.g. CO and CO ₂ .		
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:	None known.		
Hazardous decomposition products:	Thermal decomposition products can be formed; e.g. CO and CO ₂ .		

TOXICOLOGICAL PROPERTIES

Likely routes of exposure:	<input type="checkbox"/> None known <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Skin absorption <input type="checkbox"/> Eye contact <input checked="" type="checkbox"/> Inhalation			
Exposure limits:	See "Ingredients" section above.			
Chronic effects of exposure:	None known.			
Synergistic materials:	None known.			
Acute effects of exposure:	Eyes: No effects expected. Skin: Prolonged and repeated contact can cause skin sensitization with some individuals (e.g. rash, itching, reddening). Inhalation: No ill effects expected. Ingestion: Effects of ingestion have not been determined. No ill effects expected. NOTE: Reaction with air and moisture during the curing process can release trace amounts of methyl ethyl ketoxime (MEKO). MEKO can be irritating to the eyes, skin and respiratory tract. The body easily metabolizes MEKO; therefore, no lasting or adverse effects are expected.			

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 to 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. Use with adequate ventilation. Keep container closed when not in use. Avoid prolonged or repeated contact with the 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. Store between 5° and 25° C.
Spill, leak or release:	Wear appropriate personal protective equipment. Allow to cure, scrape up and place in a salvage container for proper disposal. See disposal guidelines below.
Waste disposal:	No known restrictions. 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 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:	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/Ap = Not Applicable. N/Av = Not Available. HMIS: Hazardous Materials Identification System				

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