



Hilti (Canada) Corporation

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## MATERIAL SAFETY DATA SHEET

**Product identifier:** CP 672 Speed Spray  
**Description / use:** Fire rated acrylic-based mastic for use with concrete, masonry and gypsum wall assemblies.  
**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
Acrylic polymer	mixture	30-60	n. av.	n. av.	n. av.	n.av.
Aluminum hydroxide	21645-51-2	05-10	n. av.	n.av.	n.av	n.av.
Calcium carbonate	1317-65-3	05-10	n. av.	n.av.	5 mg/m <sup>3</sup> (T)	n.av.
Calcined kaolin	66402-68-4	10-30	n. av.	n.av.	n.av	n.av.
Dilisononyl phthalate	68515-48-0	01-05	n. av.	n.av.	n.av	n.av.
Ethylene glycol	107-21-1	01-05	>200 mg/m <sup>3</sup> /4H	4700 mg/kg	100 mg/m <sup>3</sup>	n.av.
<b>Pigments:</b>						
• Red iron oxide	1309-37-1 <sup>1</sup>	01-05	n. av.	n. av.	5 mg/m <sup>3</sup> (R)	n.av.
• Black iron oxide	1317-61-9 <sup>2</sup>	01-05	n.av.	n.av.	n.av.	n.av.
• Titanium dioxide	13463-67-7 <sup>2,3</sup>	01-05	n. av.	n.av.	5 mg/m <sup>3</sup>	n.av.
	<sup>1</sup> CP672 red	<sup>2</sup> CP672 grey	<sup>3</sup> CP672 white			

### PHYSICAL PROPERTIES

<b>Appearance / Physical state:</b>	Red, grey or white sprayable paste.	<b>Odour:</b>	Mild odour.
<b>Specific gravity (at 20°C):</b>	1.3	<b>VOC Content:</b>	0.0 g/L
<b>Vapour pressure (at 20°C):</b>	Not available	<b>Vapour density:</b>	Not applicable.
<b>Evaporation rate:</b>	Not available	<b>Boiling point:</b>	Not available
<b>Freezing point:</b>	Approximately 0° C / 32° F	<b>pH:</b>	8.5-9.5
<b>Coefficient of H<sub>2</sub>O / oil distrib:</b>	Not available	<b>Solubility in water:</b>	Soluble.

### 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>	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>	Thermal decomposition products such as oxides of carbon and nitrogen can be produced under fire conditions.		
<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>Conditions of reactivity:</b>	None known.
<b>Incompatible materials:</b>	Metal salts.		
<b>Hazardous decomposition products:</b>	None known. Thermal decomposition can yield oxides of carbon and nitrogen.		

## TOXICOLOGICAL PROPERTIES

Routes of exposure:	<input type="checkbox"/> N/Ap <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:	None established.
Acute effects of exposure:	<b>Eyes</b> - Can cause irritation or watering but injury is unlikely. <b>Skin</b> - No effects expected. Irritation is possible with some individuals. <b>Inhalation</b> - No effects expected. <b>Ingestion</b> - 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. If conscious, give plenty of water to drink. <u>Never</u> give anything by mouth to an unconscious person. 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:	While spraying, chemical goggles recommended. As a minimum, wear safety glasses with side shields.
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. 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 (41° and 77° F).
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:	D2A
HMIS codes:	Health 1, Flammability 0, Reactivity 0, PPE B
TDG shipping name:	Not regulated.

## PREPARATION INFORMATION / CONTACTS

Prepared by:	Hilti, Inc., Tulsa, OK USA	Date of Preparation:	August 25, 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/Av = Not Available. H = Hours. HMIS: Hazardous Materials Identification System. T = Total dust. R = Respirable dust.				

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