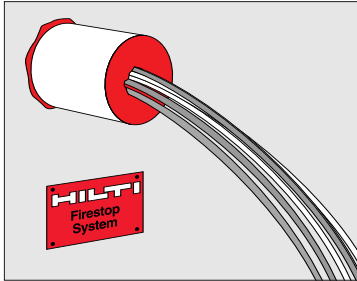


# CP 618

## Firestop Putty Stick



### System Advantage / Customer Benefits

- Reusable
- Easy to add or subtract cables
- Fast installation

### Installation instructions for CP 618

#### Opening

1. Clean the opening: Surfaces to which CP 618 will be applied should be cleaned of loose debris, dirt, oil, moisture, frost and wax.

#### Application of firestop putty

2. Install the prescribed backing material, if required.
3. Install CP 618 Firestop Putty to the required depth, making sure that the putty contacts all surfaces to provide the greatest adhesion.
4. Smooth CP 618 putty.
5. For maintenance reasons, a penetration seal can be permanently marked with an identification plate and fastened in a visible position next to the seal.
6. Re-installation (not shown): Remove and re-install CP 618 Firestop Putty as needed.

#### Product description

- An intumescent, non-hardening, firestop putty for cable and pipe penetrations

#### Product features

- Contains no volatile solvents or asbestos
- Water resistant
- Easy to re-penetrate

#### Areas of application

- Single or bundled cables
- Non-combustible pipe
- Blank openings

#### For use with

- Concrete, masonry and gypsum wall assemblies
- Wall and floor assemblies rated up to 3 hours

#### Examples

- Where telecommunication and data lines penetrate gypsum wall assemblies
- Where steel conduit and EMT penetrate concrete and block wall assemblies
- Where blank openings exist in concrete and block wall assemblies

#### Notice about approvals

- When using Hilti CP 618 Firestop Putty Stick please refer to the UL/cUL Fire Resistance Directory or the Hilti Firestop Manual for restrictions as to opening size, type and thickness of wall or floor, penetration type, etc.

#### Not to be used...

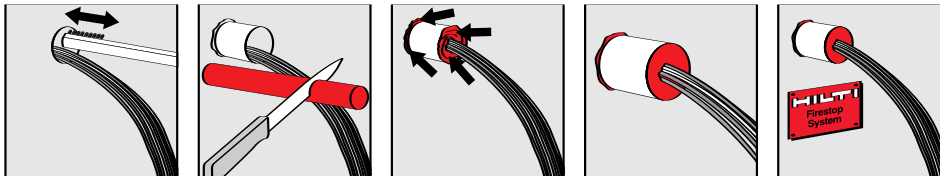
- In areas underwater

#### Safety precautions

- Before handling, read the Material Safety Data Sheet for detailed use and health information.
- Wear suitable gloves and eye protection
- Keep out of the reach of children

#### Storage

- Store only in the original packaging at temperatures 40°F to 104°F (5°C to 40°C)



1. Clean opening

2. Slice CP 618 to be packed into opening from stick (optional sleeve)

3. Pack in CP 618

4. Smooth CP 618

5. Fasten installation plate (if required)

# CP 618

## Technical Data

At 73°F (23°C) and 50% relative humidity

#### Dimensions

18 in<sup>3</sup>

#### Consistency

Moldable putty

#### Color

Red

#### Application temperature

40°F to 95°F (5°C to 35°C)

#### Cure

Non-curing

#### Density

Approx. 1.48 g/cm<sup>3</sup>

#### Intumescent activation

Approx. 220°F to 250°F (104°C to 121°C)

#### Surface burning characteristics (ASTM E84-96)

Flame Spread: 5

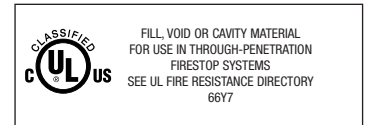
Smoke development: 5

#### Sound transmission classification (ASTM E 90-97) 49

#### Tested in accordance with

- UL 1479
- ASTM E 814
- ASTM E 84
- CAN4-S115-95M
- ULC-S115-95M

#### Internationally tested and approved



latest product information : [www.ca.hilti.com](http://www.ca.hilti.com)

ordering information see page:

# 30

MSDS No.: 263C  
 Revision No.: 002  
 Prep. Date: 04/28/04  
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**Product identifier:** CP 617 Firestop Putty Pad; CP 618 Firestop Putty Stick; CP 619T Firestop Putty Roll

Product use: Firestopping putty  
 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**

Not a hazardous chemical as defined by the Controlled Products Regulations SOR/88-66

**PHYSICAL PROPERTIES**

Appearance / Physical state:	Rust coloured putty.	Odour:	Negligible odour.
Specific gravity (at 20°C):	1.48	Odour threshold:	Not applicable.
Vapour pressure (at 20°C):	Not applicable.	Vapour density:	Not applicable.
Evaporation rate:	Not applicable.	Boiling point:	Not applicable.
Freezing point:	Not applicable.	pH:	Not determined.
Coefficient of H2O / oil distrib:	Not applicable.	Solubility in water:	Not soluble.

**FIRE AND EXPLOSION DATA**

Flash point / Method	Not applicable	Flammable limits:	Not applicable
Conditions of flammability:	Not applicable	Auto-ignition temperature:	Not applicable
Means of extinction:	As appropriate for surrounding fire (e.g. Water, CO <sub>2</sub> , 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 and nitrogen can be produced under fire conditions. See below.		
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, bases and oxidizing agents.		
Hazardous decomposition products:	Thermal decomposition can yield oxides of carbon and nitrogen.		

**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 type="checkbox"/> Inhalation
Exposure limits:	None established.
Acute effects of exposure:	<b>Eyes:</b> Irritation or watering may occur 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.

INTRODUCTION

APPLICATIONS / PRODUCTS

SYSTEM DETAILS

ESTIMATING TABLES / TECH DATA

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**FIRST AID MEASURES**

Eyes:	Flush with plenty of water. Call a physician if symptoms occur.
Skin:	Practice good hygiene; wash before eating or smoking.
Inhalation:	No effects expected.
Ingestion:	Not a likely route of exposure.
Other:	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure

**CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT**

Engineering controls:	General (natural or mechanically induced fresh air movements).
Eye protection:	As appropriate for the work areas or work being done.
Skin protection:	Cloth gloves are suitable.
Respiratory protection:	None normally required.
Other:	No additional measures are normally required.

**PRECAUTIONS FOR SAFE HANDLING AND USE**

Handling procedures and equipment:	For industrial use only. Keep out of reach of children. Observe good hygiene practices; i.e., wash after using and before eating or smoking.
Storage requirements:	Store in a cool dry area out of direct sunlight.
Spill, leak or release:	Not applicable.
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:	None known.

**REGULATORY INFORMATION**

WHMIS classification:	None.
HMIS codes:	Health 0, Flammability 0, Reactivity 0, PPE A
TDG shipping name:	Not regulated.

**PREPARATION INFORMATION / CONTACTS**

Prepared by:	Hilti, Inc., Tulsa, OK USA	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:	<b>N/E</b> = None Established. <b>N/A</b> = Not Applicable. <b>N/Av</b> = Not Available. <b>H</b> = Hours. <b>HMIS</b> : Hazardous Materials Identification System		

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided.

# Certificate of Compliance

Certificate Number 20060214-R13240H  
Report Reference 2006 February 14  
Issue Date 2006 February 14

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*Issued to:* **Hilti, Inc.**  
5400 S 122ND East Ave  
Tulsa, OK 74146 USA


*This is to certify that representative samples of* **Fill, Void or Cavity Materials**  
CP 618

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*

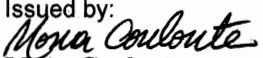
*Standard(s) for Safety:* ANSI/UL 1479, CAN/ULC-S115-05

*Additional Information:* CP 618 Firestop Putty Stick for use in Through-Penetration Firestop Systems as currently described in the UL Fire Resistance Directory.

**Only those products bearing the UL Classification Mark should be considered as being covered by UL's Classification and Follow-Up Service.**

The UL Classification Mark includes: UL in a circle symbol:  with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and, the product category name (product identity) as indicated in the appropriate UL Directory.

**Look for the UL Classification Mark on the product**

Issued by:  
  
Mona Couloute  
Underwriters Laboratories Inc.

Reviewed by:  
  
Christopher Johnson  
Underwriters Laboratories Inc.