

CP 617

Technical Data

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

Dimensions

CP 617: 6" X 7" X 1/8" (15 X 18 X 0.3 cm)

CP 617L: 7" X 7" X 1/8" (18 X 18 X 0.3 cm)

CP 617XL: 9" X 9" X 1/8" (23 X 23 X 0.3 cm)

Consistency

Moldable putty

Color

Red

Application temperature

40°F (5°C) to 95°F (35°C)

Storage temperature

40°F (5°C) to 104°F (40°C)

Cure

Non-curing

Density

1.48 g/cm³

Intumescent activation

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

Volatile solvents

None

Asbestos fibers

None

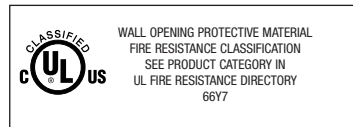
Surface burning characteristics (ASTM E 84-96)

Flame Spread: 5

Smoke development: 5

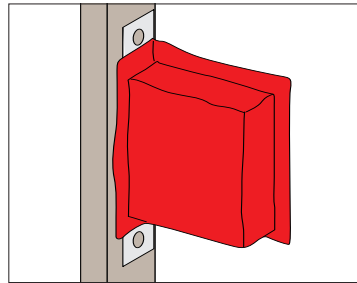
Sound transmission classification (ASTM E 90-04) 55

Internationally tested and approved



CP 617, CP 617L & CP 617XL

Firestop Putty Pad



System Advantage / Customer Benefits

- Applied by hand
- Fast installation

Product description

- An intumescent moldable firestop putty designed to help protect electrical outlet boxes

Product features

- Applied by hand
- Fast installation

Areas of application

Protection of:

- Electrical outlet boxes

For use with

- Gypsum wall assemblies with wood or metal studs

Examples

- Where two outlets are within a single stud/cavity or within 24" (not back to back)

Installation instructions for CP 617

Application of firestop putty

1. Remove label from one side of pad. For a 1 to 2 hour fire rating, one CP 617 pad is required. Exposed side of pad is placed against the box.
2. Adhere pad to side of the box, overlapping the stud and all edges of the box. When drywall is installed: fix pad into gap between electrical box and gypsum board slightly overlapping the inner wall board surface. When drywall will be installed later: overlap front edge of electrical box so that CP 617 will be compressed around edges of box as gypsum board is installed.
3. Reshape CP 617 to fit around conduit or cables.
4. Press CP 617 to all sides of electrical box. Trim excess at corners and apply to conduit fittings connected to the box.
5. Remove other side of label. To help prevent passage of cold smoke, CP 617 may optionally be placed into inside of electrical conduit fittings.

Notice about approvals

- CP 617 Firestop Putty Pad is classified by Underwriters Laboratories, Inc., (UL) as a "Wall Opening Protective Material." Therefore, specific UL/cUL listings are not required. Specific requirements should be consulted in the current UL/cUL Fire Resistance Directory and/or the Hilti Firestop Manual.

Not for use...

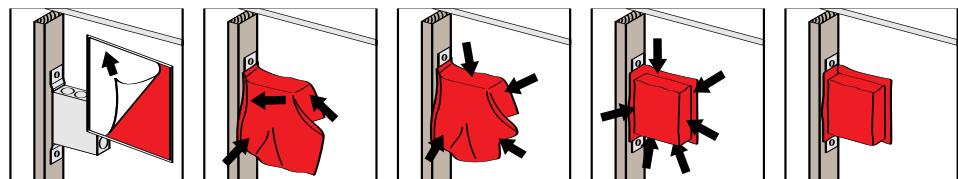
- In areas underwater

Safety precautions

- Before handling, read the product 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 in a location at temperatures 40°F (5°C) to 104°F (40°C)



1. Remove label from one side of CP 617

2. Adhere CP 617 to application

3. Reshape CP 617 to fit around box

4. Press CP 617 to all sides of application

5. Remove other side of label

latest product information : www.ca.hilti.com

ordering information see page:

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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 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 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:	Eyes: Irritation or watering may occur 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.

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:	N/E = None Established. N/A = Not Applicable. N/Av = Not Available. H = Hours. HMIS : 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-R13240G**
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 617

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

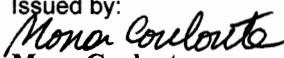
Standard(s) for Safety: **ANSI/UL 1479, ANSI/UL 263, CAN/ULC-S115-05**


Additional Information: **CP 617 Firestop Putty Pad for use in Through-Penetration Firestop Systems and Wall Opening Protective Materials 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

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