

CP 617, CP 617L and CP 617XL Firestop Putty Pad

Product description

- A moldable firestop putty designed to help protect electrical outlet boxes

Product features

- Applied by hand
- Fast installation

Areas of application

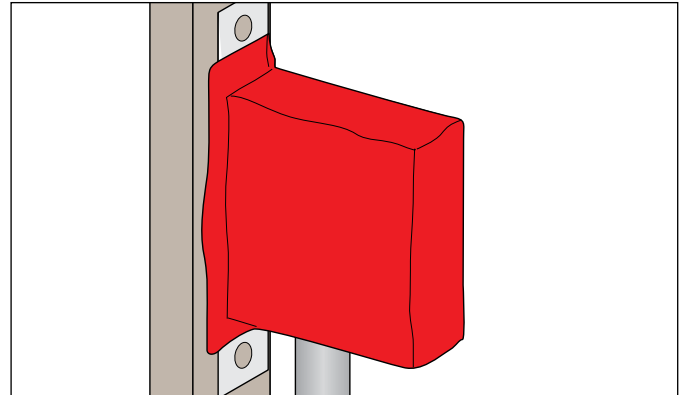
- Protection of electrical outlet boxes

For use with

- Gypsum wall assemblies with wood or metal studs

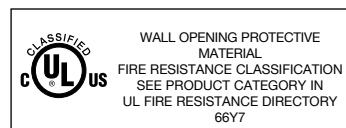
Examples

- Where two outlets are within a single stud/cavity or within 24" measured horizontally (not back to back unless specified by the specific UL approval)



Technical Data*	CP 617
Dimensions (LxWxH)	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)
Curing time	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: 15 Smoke development: 10
Sound transmission classification (ASTM E 90-97)	59 (Relates to specific construction)
Approvals	
<ul style="list-style-type: none"> • California State Fire Marshal - No. 4485-1200:129 • City of New York - MEA 102-99-M 	
Tested in accordance with	
<ul style="list-style-type: none"> • UL 263 • ASTM E 84 	

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



Installation instructions for CP 617 (except for the side of the outlet box against the stud)

Notice

- Before handling, read Material Safety Data Sheet and product label for safe usage and health information.
- Instructions below are general guidelines — always refer to the applicable listing (CLIV) in the UL Fire Resistance Directory or Hilti Firestop Systems Guide for complete installation information

- stud) and completely seal against the stud within the stud cavity.
- Reshape CP 617 to fit around conduit or cables.
- Press CP 617 to all sides of electrical box.
- Remove other side of label.

Not for use

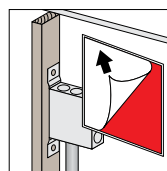
- In areas exposed to water

Storage

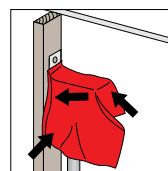
- Store only in the original packaging in a location at temperatures 40°F (5°C) to 104°F (40°C)

Application of firestop putty

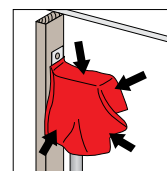
- After ensuring box is cleaned of loose debris, dirt, oil, moisture, frost and wax, remove label from one side of pad. For a 1 to 2 hour fire rating, one CP 617 pad is required. Exposed side of pad is placed against box.
- CP 617 Firestop Putty Pads are to be installed to completely cover the exterior surfaces of the outlet box (except for the side of the outlet box against the



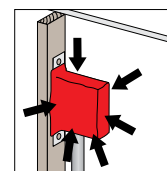
1. Remove label from one side of CP 617



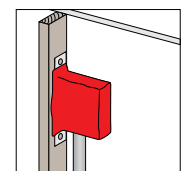
2. Adhere CP 617 to outlet box



3. Reshape CP 617 to fit around box



4. Press CP 617 to all sides of outlet box



5. Remove other side of label



Hilti Firestop
Saving lives
through innovation
and education

Hilti. Outperform. Outlast.



MSDS No.: 320
Revision No.: 002
Revision Date: 4/9/08
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MATERIAL SAFETY DATA SHEET

Product name: CP 617 Firestop Putty Pad, CP 618 Firestop Putty Stick, CP 619T Firestop Putty Roll
Description: Firestopping putty
Supplier: Hilti, Inc. P.O. Box 21148, Tulsa, OK 74121
Emergency # (Chem-Trec.): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)

INGREDIENTS AND EXPOSURE LIMITS

Ingredients:	CAS Number:	TLV:	PEL:	STEL:
Calcium carbonate	1317-65-3	NE	5 mg/m ³ (R)	NE
Talc	14807-96-6	2 mg/m ³	20 mppcf	NE
Silica	14808-60-7	0.025 mg/m ³ (R)	30 mg/m ³ (R)	NE
			%SiO ₂ + 5	
Boron oxide	1303-86-2	10 mg/m ³	15 mg/m ³ (T)	NE
Iron oxide	1309-37-1	5 mg/m ³ (R)	10 mg/m ³ (f)	NE

Abbreviations: PEL = OSHA Permissible Exposure Limit. TLV = ACGIH Threshold Limit Value. STEL = Short Term Exposure Limit. NE = None Established. R = Respirable dust. mppcf = million particles per cubic foot. T = Total dust. F = as fume.

PHYSICAL DATA

Appearance:	Red colored putty	Odor:	Negligible
Vapor Density: (air = 1)	Not applicable	Vapor Pressure:	Not applicable
Boiling Point:	Not applicable	VOC Content:	Not determined
Evaporation Rate:	Not applicable	Solubility in Water:	Slightly soluble
Specific Gravity:	1.45	pH:	Not determined

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable	Flammable Limits:	Not applicable
Extinguishing Media:	Water, CO ₂ , Dry Chemical, Foam		
Special Fire Fighting Procedures:	A NIOSH-approved self-contained breathing apparatus (SCBA) should be worn when fighting fires involving chemical products.		
Unusual Fire and Explosion Hazards:	Fire conditions will activate product causing it to intumesce.		

REACTIVITY DATA

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Incompatibility:	None known.
Decomposition Products:	Thermal decomposition can yield CO and CO ₂ .
Conditions to Avoid:	Avoid temperature extremes that could shorten the shelf-life or affect product performance (See handling and storage requirements).

HEALTH HAZARD DATA

Known Hazards:	Irritation of the eyes and skin is possible.
Signs and Symptoms of Exposure:	Eyes - Can cause irritation and watering but injury is unlikely. Skin - May cause irritation. Inhalation - No effects expected. Not considered to be a route of exposure. Ingestion - Not known.
Routes of Exposure:	Contact
Carcinogenicity:	IARC classifies crystalline silica as a Group I carcinogen based upon evidence among workers in industries where there has been long term and chronic exposure (via inhalation) to silica dust; e.g. mining, quarry, stone crushing, refractory brick and pottery. This product does not pose a dust hazard; therefore, this classification is not relevant.

Medical Conditions Aggravated by Exposure:	None known.		
EMERGENCY AND FIRST AID PROCEDURES			
Eyes:	Flush with plenty of water. Contact a physician if symptoms occur.		
Skin:	Wash with soap and water. Contact a physician if symptoms occur.		
Inhalation:	No effects expected.		
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.		
CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT			
Ventilation:	General (natural or mechanically induced fresh air movements).		
Eye Protection:	Safety glasses with side shields.		
Skin Protection:	Impermeable gloves recommended.		
Respiratory Protection:	Not required.		
PRECAUTIONS FOR SAFE HANDLING AND USE			
Handling and Storing Precautions:	Store in a cool, dry area preferably between 41° and 77° F. For industrial use only. Keep out of reach of children. Avoid prolonged or repeated contact with the skin. Do not rub the eyes after contact with the hands. Practice good hygiene; i.e. wash after using and before eating or smoking.		
Spill Procedures:	No special requirements.		
REGULATORY INFORMATION			
Hazard Communication:	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard. 29 CFR 1910.1200.		
HMIS Codes:	Health 1, Flammability 0, Reactivity 0, PPE B		
DOT Shipping Name:	Not regulated.		
IATA / ICAO Shipping Name:	Not regulated.		
TSCA Inventory Status:	Chemical components listed on TSCA inventory.		
SARA Title III, Section 313:	This product does not contain any ingredients that are subject to reporting under Section 313 of SARA Title III (40 CFR Part 372).		
EPA Waste Code(s):	Not regulated by EPA as a hazardous waste		
Waste Disposal Methods:	Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, state, and federal safety, health and environmental regulations.		
CONTACTS			
Customer Service:	1 800 879 8000	Technical Service:	1 800 879 8000
Health / Safety:	1 800 879 6000	Jerry Metcalf	(x6704)
Emergency # (Chem-Trec):	1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)		

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.

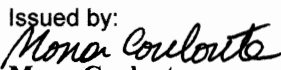
Standard(s) for Safety: **ANSI/UL 1479, ANSI/UL 263, CAN/ULC-S115-05**


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

Issued by:

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