



MSDS No.: 320
Revision No.: 002
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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.
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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.