



MSDS No.: 320
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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)

For: SUPERIOR MECHANICAL INC
1244 60TH AVE NW
ROCHESTER, MN 55901-2933

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) %SiO ₂ + 5	NE
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.

