

MATERIAL SAFETY DATA SHEET

Product name: CP 601S Elastomeric Firestop Sealant
Description: Fire resistant sealant for use in fire rated joint applications
Supplier: Hilti, Inc. P.O. Box 21148, Tulsa, OK 74121
Emergency # (Chem-Trec.): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 703 527 3887 (Other countries)

INGREDIENTS AND EXPOSURE LIMITS

Ingredients:	CAS Number:	TLV:	PEL:	STEL:
Siloxanes and silicones, di-Me, terminated	068037-58-1	NE	NE	NE
Siloxanes and silicones, di-Me	063148-62-9	NE	NE	NE
Fumed silica	112945-52-5	NA	NE	NE
Methyltrimethoxysilane	001185-55-3	NE	NE	NE
Calcium carbonate	000471-34-1	NA	NA	NA
Organotitanate	083877-91-2	NE	NE	NE

Abbreviations: PEL = OSHA Permissible Exposure Limit. TLV = ACGIH Threshold Limit Value. STEL = Short Term Exposure Limit. NE = None Established. NA = Not Applicable.

PHYSICAL DATA

Appearance:	Red paste.	Odor:	Negligible.
Vapor Density: (air = 1)	Not applicable.	Vapor Pressure @ 68° F:	23 mbar.
Boiling Point:	Not applicable.	VOC Content:	3.0 g/l
Evaporation Rate:	Not applicable.	Solubility in Water:	Negligible.
Specific Gravity:	1.3 – 1.4	pH:	Not determined.

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	> 200° F	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 chemicals.		
Unusual Fire and Explosion Hazards:	None known. Product serves as a fire stopping material.		

REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur.
Incompatibility:	Strong acids, peroxides, and amines.		
Decomposition Products:	Thermal decomposition can yield carbon dioxide and carbon fluoride.		
Conditions to Avoid:	Avoid contact with chemical products that could affect product use such as solvents, alkalis, acids and mineral oils.		

HEALTH HAZARD DATA

Known Hazards:	Acute: Irritation is possible. Chronic: None known or anticipated.		
Signs and Symptoms of Exposure:	Eyes - Irritation is possible but injury is unlikely. Skin - Slight irritation is possible. Inhalation - No effects expected. Ingestion - Not a likely route of exposure. Effects of ingestion have not been determined. Considered to have a low acute oral toxicity.		
Routes of Exposure:	Dermal.		
Carcinogenicity:	No ingredients are classified as a carcinogen by IARC, NTP or OSHA.		
Medical Conditions Aggravated by Exposure:	Eye, skin, and respiratory conditions.		

EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Immediately flush with plenty of water. Call a physician if symptoms occur.
Skin:	Wash with soap and water. Seek medical attention if any effects persist.
Inhalation:	If ill effects occur, move victim to fresh air. Give oxygen and/or artificial respiration if needed. Call a physician.
Ingestion:	Do not induce vomiting unless large amounts are ingested. If conscious, give plenty of water to drink. <u>Never</u> give anything by mouth to an unconscious person. 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:	Not required, however, safety glasses should be worn in most industrial settings.
Skin Protection:	Gloves are recommended. Cloth gloves are suitable.
Respiratory Protection:	None required under normal conditions of use.

PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storing Precautions:	Store in a cool dry area. Avoid temperature extremes; recommended storage temperature is between 40° and 77° F. For industrial use only. Keep out of reach of children. Use with adequate ventilation. Practice good hygiene; i.e. wash after using and before eating or smoking.
Spill Procedures:	Allow to cure and place in a container for proper disposal in accordance with all applicable local, state, or federal requirements. Not regulated as a hazardous waste according to federal EPA definitions.

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 1, Reactivity 0, PPE A
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 which 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)		

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