



MSDS No.: 283
Revision No.: 002
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MATERIAL SAFETY DATA SHEET

Product name: CP 604 Self-Leveling Firestop Sealant
Description: A self-leveling flexible sealant for firestopping construction joints and metal pipes
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:
Polydimethylsiloxane diol	70131-67-8	NE	NE	NE
Calcium carbonate	01317-65-3	NA (10 mg/m ³)	NA (15 mg/m ³)	NE
Polydimethylsiloxane	63148-62-9	NE	NE	NE
Methyl tris(methyl ethyl ketoxime) silane	22984-54-9	NE	NE	NE
Alkyl tris(methyl ethyl ketoxime) silane	02224-33-1	NE	NE	NE
Fumed silica	68611-44-9	NA (10 mg/m ³)	NA (15 mg/m ³)	NE
Titanium dioxide	13463-67-7	NA (10 mg/m ³)	NA (15 mg/m ³)	NE
Ferric oxide	01309-37-1	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:	Gray paste	Odor:	Mild
Vapor Density: (air = 1)	Not determined	Vapor Pressure:	Not determined
Boiling Point:	Not determined	VOC Content:	53.0 g/L
Evaporation Rate:	Not applicable	Solubility in Water:	Not easily mixed
Specific Gravity:	1.35	pH:	Not determined

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable	Flammable Limits:	Not applicable
Extinguishing Media:	As appropriate for surrounding fire (e.g. Water, CO ₂ , Dry Chemical, Foam).		
Special Fire Fighting Procedures:	None known. Use a self-contained breathing apparatus when fighting fires involving chemicals.		
Unusual Fire and Explosion Hazards:	None known. Thermal decomposition products can be formed; e.g. CO and CO ₂ .		

REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur.
Incompatibility:	Reaction with air and moisture during the curing process can release trace amounts of methyl ethyl ketoxime (MEKO).		
Decomposition Products:	Thermal decomposition can yield CO and CO ₂ .		
Conditions to Avoid:	Temperature extremes will shorten product shelf life; i.e. below freezing / above 100°F. See recommended storage conditions below.		

HEALTH HAZARD DATA

Known Hazards:	Possible skin sensitization.		
Signs and Symptoms of Exposure:	Eyes: No effects expected. Skin: Prolonged and repeated contact can cause skin sensitization with some individuals (e.g. rash, itching, reddening). Inhalation: No ill effects expected. Ingestion: Effects of ingestion have not been determined. No ill effects expected. NOTE: Reaction with air and moisture during the curing process can release trace amounts of methyl ethyl ketoxime (MEKO). MEKO can be irritating to the eyes, skin and respiratory tract. The body easily metabolizes MEKO; therefore, no lasting or adverse effects are expected.		
Routes of Exposure:	Dermal.		
Carcinogenicity:	No ingredients are classified as a carcinogen by IARC, NTP or OSHA.		
Medical Conditions Aggravated by Exposure:	None known.		

EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Flush with plenty of water. Call a physician if any effects occur.
Skin:	Wash with soap and water. Launder contaminated clothing before reuse.
Inhalation:	No ill effects expected. Should discomfort occur, move to fresh air.
Ingestion:	Seek medical attention. Do not induce vomiting unless directed to by a physician. <u>Never</u> give anything by mouth to an unconscious person.
Other:	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

Ventilation:	General (natural or mechanically induced fresh air movements).
Eye Protection:	As appropriate for the work area or other work being done.
Skin Protection:	Recommended. Cloth gloves are suitable.
Respiratory Protection:	None normally required.

PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storing Precautions:	Avoid prolonged or repeated contact with the skin. Use with adequate ventilation. Always wash thoroughly after handling chemical products. Follow label/use instructions. Store in a cool dry area preferably between 40 - 77° F. For industrial use only. Keep out of reach of children.
Spill Procedures:	Wear appropriate personal protective equipment. Allow to cure, scrape up and place in a salvage container for proper disposal. See disposal guidelines below.

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 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:	No known restrictions. 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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