CP 572
Smoke and Acoustic Spray

Applications

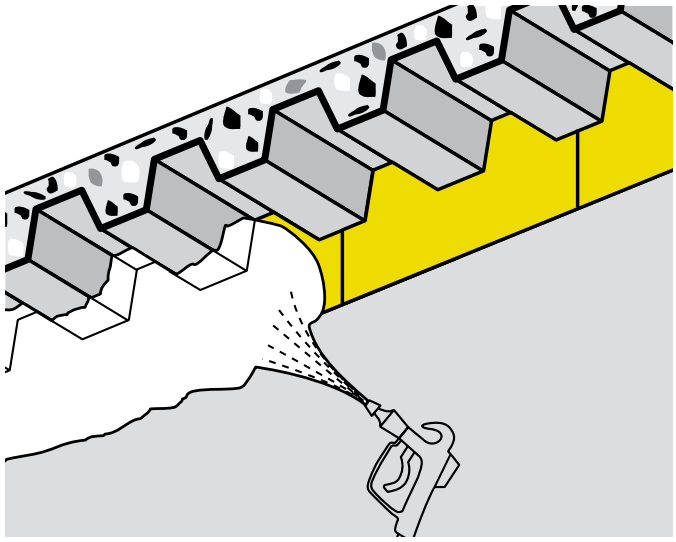
- Sealing construction joint openings in non fire-rated acoustical assemblies and smoke partitions (Not for use in fire-rated applications)

Advantages

- Quick and easy spray application
- Can be applied at low temperatures
- Excellent airborne sound insulation properties
- High elasticity for good movement absorption
- Excellent sprayability and low slump characteristics
- Paintable

Restricts smoke migration

Excellent sound insulation characteristics with application based testing in accordance with ASTM E 90.



Technical Data	CP 572
Color	white
Chemical basis	acrylic
Storage and transport temperature range	40°F to 77°F (5°C to 25°C)
Curing time approx. (73°F / 50% relative humidity)	approx. 3 mm / 3 days
Skin-forming time (73°F / 50% relative humidity)	approx. 15 min
Application temperature range	40°F to 104°F (5°C to 40°C)
Shelf life	12 months
Sound transmission classification (ASTM E 90)	STC 56 (per tested construction type)
Surface burning characteristics (ASTM E 84-08)	Flame spread: 10 Smoke development: 5
Movement capability	approx. 12.5%
Mold and mildew (ASTM G21)	mold resistant
Air leakage (Modified UL 2079 L-Rating)	L-Rating at Ambient = Less than 1 CFM / Lin Ft. L-Rating at 400ºF = Less than 1 CFM / Lin Ft.

Installation instructions for CP 572

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 product label, applicable product test reports and/or architect requirements.

Opening

1. Clean the opening. Surfaces to which CP 572 will be applied should be cleaned of loose debris, dirt, oil, wax, grease, and contaminants. The surface should be moisture and frost free.

Application of spray

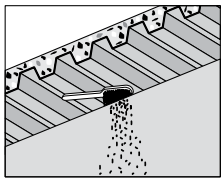
2. Install mineral wool backing to required depth
3. Application of spray: Apply CP 572 to the required depth in order to obtain desired sound rating. Make sure CP 572 contacts all surfaces and overlaps beyond all surrounding surfaces (Refer to test reports). Titan Sprayers have been successful in applying CP 572 Smoke and Acoustic Spray. Hilti recommends the use of the Titan 600 (for application temperatures above 50°F) or 1100 Sprayers. CP 572 may also be brushed on with a paint brush.

Not for use

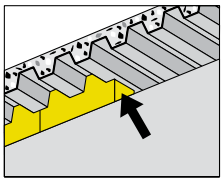
- In areas immersed in water
- On hot surfaces (above 176°F)

Storage

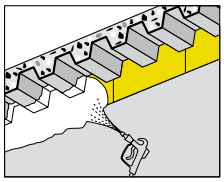
- Store only in the original packaging at temperatures 40°F to 77°F (5°C to 25°C)
- Observe expiration date on package



1. Clean opening



2. Install mineral wool



3. Spray or brush on CP 572

Hilti Firestop
Saving lives through innovation and education

Hilti. Outperform. Outlast.

MATERIAL SAFETY DATA SHEET

Product name:	**CP 572 Smoke & Acoustic Spray**
Description:	Smoke/Acoustic Spray for Non Fire Rated Assemblies
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:
Ethylene glycol	107-21-1	NE	NE	C: 100 mg/m^3 (A)
Titanium dioxide	13463-67-7	10 mg/m^3	15 (T) mg/m^3	NE

Abbreviations: PEL = OSHA Permissible Exposure Limit. **TLV** = ACGIH Threshold Limit Value. **STEL** = Short Term Exposure Limit. **C** = Ceiling. **NE** = None Established. (T) = Total dust. (R) = Respirable dust. (A) = Aerosol

PHYSICAL DATA

Appearance:	White sprayable paste	**Odor:**	Mild odor
Vapor Density: (air = 1)	Not applicable	**Vapor Pressure:**	Not determined
Boiling Point:	Not determined	**VOC Content:**	91.0 g/l
Evaporation Rate:	Not determined	**Solubility in Water:**	Soluble
Specific Gravity:	1.5	**pH:**	9.0

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	None	**Flammable Limits:**	Not applicable
Extinguishing Media:	As appropriate for surrounding fire (e.g. Water, Carbon Dioxide, Dry Chemical, Foam)		
Special Fire Fighting Procedures:	Wear full protective clothing. A NIOSH-approved self-contained breathing apparatus (SCBA) should be worn when fighting fires involving chemicals.		
Unusual Fire and Explosion Hazards:	None known. Thermal decomposition products such as oxides of carbon and nitrogen can be produced under fire conditions. See below.		

REACTIVITY DATA

Stability:	Stable.	**Hazardous Polymerization:**	Will not occur.
Incompatibility:	Strong oxidizing agents.		
Hazardous Decomposition Products:	Thermal decomposition can yield oxides of carbon and nitrogen.		
Conditions to Avoid:	Avoid temperature extremes which could shorten the shelf-life of this product; i.e. below 40° and above 77° F. (See handling and storage requirements).		

HEALTH HAZARD DATA

Known Hazards:	**Acute**: Product is slightly alkaline, minor irritation is possible. **Chronic**: None known
Signs and Symptoms of Exposure:	**Eyes:** Can cause irritation or watering but injury is unlikely. **Skin:** Irritation is possible with some individuals. **Inhalation:** No effects expected. **Ingestion:** Effects of ingestion have not been determined. Considered to have a low acute oral toxicity.
Routes of Exposure:	Contact.
Carcinogenicity:	No ingredients are classified as a carcinogen by IARC, NTP or OSHA.
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. Seek medical attention if any effects persist.
Inhalation:	Move victim to fresh air. Contact a Physician if symptoms occur.
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:	While spraying, chemical goggles are recommended. As a minimum, wear safety glasses with side shields. Wear other protective clothing as required to prevent contact with skin.
Skin Protection:	Impermeable gloves recommended.
Respiratory Protection:	None normally required.

PRECAUTIONS FOR SAFE HANDLING AND USE	
Handling and Storing Precautions:	Store in a cool dry area. Keep from freezing. Store between 40° and 77° F. For industrial use only. Keep out of reach of children. Use with adequate ventilation. Keep container closed when not in use. Do not get into the eyes. Avoid prolonged or repeated contact with the skin. Practice good hygiene; i.e. wash after using and before eating or smoking.
Spill Procedures:	Wipe away spilled material before it hardens. Place in a container for proper disposal in accordance with all applicable local, state, or federal 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 (Glasses, Gloves)
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 contains 3 – 4% ethylene glycol (CAS 107-21-1) which is 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 (x1003704)		
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.