



MSDS No.: 302  
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## MATERIAL SAFETY DATA SHEET

**Product name:** CP 648-S & CP 648-E Firestop Wrap Strip  
**Description:** 1" or 1 3/4" wide - intumescent wrap for plastic or insulated pipe  
**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

Not a hazardous chemical as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

## PHYSICAL DATA

<b>Appearance:</b>	Dark gray colored putty strips.	<b>Odor:</b>	Mild odor.
<b>Vapor Density: (air = 1)</b>	Not applicable.	<b>Vapor Pressure:</b>	Not applicable.
<b>Boiling Point:</b>	Not applicable.	<b>VOC Content:</b>	7.6 g/l.
<b>Evaporation Rate:</b>	Not applicable.	<b>Solubility in Water:</b>	Not determined.
<b>Density:</b>	1.3-1.4 g/cm <sup>3</sup>	<b>pH:</b>	Not determined.

## FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b>	Not applicable.	<b>Flammable Limits:</b>	Not applicable.
<b>Extinguishing Media:</b>	Use extinguishing media appropriate for the surrounding fire.		
<b>Special Fire Fighting Procedures:</b>	None known.		
<b>Unusual Fire and Explosion Hazards:</b>	None known. Product serves as a firestop; intumescent material begins to expand when exposed to temperatures > 160° C (320° F)		

## REACTIVITY DATA

<b>Stability:</b>	Stable.	<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibility:</b>	None known.	<b>Conditions to Avoid:</b>	None known.
<b>Decomposition Products:</b>	None known.		

## HEALTH HAZARD DATA

<b>Known Hazards:</b>	Irritation of the eyes and skin is possible with some individuals.		
<b>Signs and Symptoms of Exposure:</b>	<b>Eyes:</b> Can cause irritation and watering but injury is unlikely. <b>Skin:</b> Irritation. is possible with some individuals. <b>Inhalation:</b> No effects expected. <b>Ingestion:</b> Not a likely route of exposure. Can cause irritation. Considered to have a low acute oral toxicity.		
<b>Routes of Exposure:</b>	Contact.		
<b>Carcinogenicity:</b>	No ingredients are classified as a carcinogen by IARC, NTP or OSHA.		
<b>Medical Conditions Aggravated by Exposure:</b>	None known.		

## EMERGENCY AND FIRST AID PROCEDURES

<b>Eyes:</b>	Immediately flush with plenty of water. Call a physician if symptoms occur.
<b>Skin:</b>	Wash with soap and water. Seek medical attention if any effects persist.
<b>Inhalation:</b>	Not applicable
<b>Ingestion:</b>	Only induce vomiting if directed by a physician. Contact a physician immediately.
<b>Other:</b>	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure.

## CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

<b>Ventilation:</b>	General (natural or mechanically induced fresh air movements).
<b>Eye Protection:</b>	Not required, however, safety glasses should be worn in most industrial settings.
<b>Skin Protection:</b>	Cloth gloves are suitable; impermeable (neoprene or rubber) gloves recommended.
<b>Respiratory Protection:</b>	Not required.

## PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Handling and Storing Precautions:</b>	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. Store above 32° F and below 140° F (0 - 60° C). For industrial use only. Keep out of reach of children.
<b>Spill Procedures:</b>	No special requirements.

## REGULATORY INFORMATION

<b>Hazard Communication:</b>	Not a hazardous chemical as defined by the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
<b>HMIS Codes:</b>	Health 1, Flammability 0, Reactivity 0, PPE B
<b>DOT Shipping Name:</b>	Not regulated.
<b>IATA / ICAO Shipping Name:</b>	Not regulated.
<b>TSCA Inventory Status:</b>	Chemical components listed on TSCA inventory.
<b>SARA Title III, Section 313:</b>	This product does not contain any ingredients which are subject to reporting under Section 313 of SARA Title III (40 CFR Part 372).
<b>EPA Waste Code(s):</b>	Not regulated by EPA as a hazardous waste
<b>Waste Disposal Methods:</b>	Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, state, and federal safety, health and environmental regulations.

## CONTACTS

<b>Customer Service:</b>	1 800 879 8000	<b>Technical Service:</b>	1 800 879 8000
<b>Health / Safety:</b>	1 800 879 6000	Jerry Metcalf	(x6704)
<b>Emergency # (Chem-Trec):</b>	1 800 424 9300 (USA, PR, Virgin Islands, Canada); 703 527 3887 (Other countries)		

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