



MSDS No.: 285  
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## MATERIAL SAFETY DATA SHEET

**Product name:** CP 777 Speed Plugs  
**Description:** 1.5", 2" or 3" x 36" deck plugs; Mineral wool, rock wool, synthetic vitreous fiber  
**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:	PEL:	TLV:	STEL:
Synthetic vitreous fiber	NE	NE	1 fiber / cc	NE
Phenolic resin	25104-55-6	NE	NE	NE
Lubricant	08012-95-1	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

<b>Appearance:</b>	Fibrous yellow plugs.	<b>Odor:</b>	None.
<b>Boiling Point:</b>	Not applicable.	<b>Vapor Pressure:</b>	Not applicable.
<b>Melting Point:</b>	Approx. 2000° F	<b>VOC Content:</b>	<1% w/w
<b>Evaporation Rate:</b>	Not applicable.	<b>Solubility in Water:</b>	Insoluble.
<b>pH:</b>	Not applicable.	<b>Density:</b>	8 PCF

## FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b>	Not applicable.	<b>Flammable Limits:</b>	Not applicable.
<b>Extinguishing Media:</b>	As appropriate for surrounding fire; material does not burn.		
<b>Special Fire Fighting Procedures:</b>	Soak cartons to help prevent the spread of fire. Use a self-contained breathing apparatus when fighting fires involving chemicals.		
<b>Unusual Fire and Explosion Hazards:</b>	None known.		

## REACTIVITY DATA

<b>Stability:</b>	Stable.	<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibility:</b>	Strong acids.		
<b>Hazardous Decomposition Products:</b>	Thermal decomposition products can be formed at temperatures exceeding 2000° F. Thermal decomposition can yield CO and CO <sub>2</sub> .		
<b>Conditions to Avoid:</b>	None known.		

## HEALTH HAZARD DATA

<b>Known Hazards:</b>	<b>Acute:</b> Eye, skin and respiratory irritation. <b>Chronic:</b> Respiratory impairment.		
<b>Routes of Exposure:</b>	Inhalation, Dermal.		
<b>Signs and Symptoms of Exposure:</b>	<b>Eyes:</b> Mechanical irritation. <b>Skin:</b> Itching, irritation. <b>Inhalation:</b> Nose, throat and upper respiratory tract irritation.		
<b>Carcinogenicity:</b>	Rock wool and slag wool have been classified by the IARC as Group 2B (animal) carcinogens. Studies of workers at slag wool plants were inconclusive. Recent animal studies show that any changes associated with long-term inhalation of high concentrations of slag wool are reversible (i.e. non-carcinogenic).		
<b>Medical Conditions Aggravated by Exposure:</b>	Eye, skin, and respiratory conditions.		

## EMERGENCY AND FIRST AID PROCEDURES

<b>Eyes:</b>	Flush with plenty of water while holding eyelids apart. Avoid rubbing the eyes as mechanical abrasions can occur. Call a physician if symptoms persist.
<b>Skin:</b>	Wash with soap and water. Launder clothing before reuse.
<b>Inhalation:</b>	Move to fresh air.
<b>Ingestion:</b>	No ill effects expected.
<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>	Safety goggles recommended to prevent fibers from irritating the eyes.
<b>Skin Protection:</b>	Cloth gloves and long sleeves to protect skin from irritating fibers.
<b>Respiratory Protection:</b>	Use local exhaust and/or a NIOSH-approved dust respirator when air movement is inadequate to control dusts / fibers below recommended exposure levels.

## PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Handling and Storing Precautions:</b>	Avoid generating dusts / fibers. Wear appropriate personal protective equipment. Store away from moisture; keep dry.
<b>Spill Procedures:</b>	Not applicable.

## REGULATORY INFORMATION

<b>Hazard Communication:</b>	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
<b>HMIS Codes:</b>	Health 1, Flammability 0, Reactivity 0, PPE B (Gloves, Goggles)
<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 toxic chemicals 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	(x1003704)
<b>Emergency # (Chem-Trec):</b>	1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (Other countries)		

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