



MSDS No.: 336
Revision No.: 000
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MATERIAL SAFETY DATA SHEET

Product name: CFS -BL Firestop Block; CFS-PL Firestop Plug
Description: Intumescent polyurethane foam
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

These products are regarded as "articles" by definition under OSHA Regulation 29 CFR 1910.1200 (c). CFS-PL / CFS-BL can best be described as a sponge-like polyurethane materials, which expand when exposed to excessive heat/fire conditions. The physical form of the products preclude exposure to workers under normal conditions of use or any foreseeable emergency.

PHYSICAL DATA

Appearance:	Rust colored foam block	Odor:	None
Vapor Density: (air = 1)	Not applicable	Vapor Pressure:	Not applicable
Ignition Point:	420° C / 788° F	VOC Content:	CFS - BL = 5.4 g/l CFS - PL = 4.9 g/l
Evaporation Rate:	Not applicable	Solubility in Water:	Not soluble
Specific Gravity:	0.24 -.30 g/cm ³	pH:	Not applicable

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable	Flammable Limits:	Not applicable
Extinguishing Media:	Not applicable		
Special Fire Fighting Procedures:	Not applicable		
Unusual Fire and Explosion Hazards:	None known		

REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur.
Incompatibility:	None known; see special handling and storage instructions		
Decomposition Products:	If heated to decomposition, can yield CO _x , NO _x , HCN, HCl, and/or HF		
Conditions to Avoid:	See handling and storage requirements.		

HEALTH HAZARD DATA

Known Hazards:	None known	Routes of Exposure:	None expected
Signs and Symptoms of Exposure:	None expected		
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

Skin:	No effects expected	Inhalation:	Not a route of exposure
Eyes:	No effects expected.		
Ingestion:	Not a likely route of exposure		
Other:	Referral to a physician is recommended if there is any question about the seriousness of any injury/exposure.		

CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

Ventilation:	General (natural or mechanically induced fresh air movements).
Eye Protection:	As appropriate for the work area or the work being done.
Skin Protection:	Not required.
Respiratory Protection:	Not applicable.

PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storing Precautions:	For industrial use only. Keep out of reach of children. Observe good hygiene practices; i.e. wash after using and before eating or smoking. Store in a cool dry area out of direct sunlight. Storage above 140 F may degrade product.
Spill Procedures:	Not applicable

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 0, Flammability 0, 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 is classified as an "article" and is not 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)		

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