

MSDS No.: **Revision No.: Revision Date:** 336

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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

1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries) Emergency # (Chem-Trec.):

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

Rust colored foam block None Appearance: Odor:

Vapor Density: (air = 1) Not applicable **Vapor Pressure:** Not applicable

420° C / 788° F **VOC Content:** CFS - BL = 5.4 g/l**Ignition Point:**

CFS - PL = $4.9 \, \text{g/l}$

Evaporation Rate: Not applicable **Solubility in Water:** Not soluble 0.24 -.30 g/cm³ **Specific Gravity:** pH: Not applicable

FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable Flammable Limits: Not applicable

Extinguishing Media: Not applicable Not applicable

Special Fire Fighting

Procedures:

None known

Unusual Fire and Explosion

Hazards:

Will not occur. Stability: Stable. **Hazardous Polymerization:**

Incompatibility: None known; see special handling and storage instructions

If heated to decomposition, can yield CO_x, NO_x, HCN, HCl, and/or HF **Decomposition Products:**

Conditions to Avoid: See handling and storage requirements.

HEALTH HAZARD DATA

REACTIVITY 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 None known

Aggravated by Exposure:

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:

Respiratory Protection:

Not required.

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.

Health 0, Flammability 0, Reactivity 0, PPE A

DOT Shipping Name:

IATA / ICAO Shipping Name:

Not regulated.

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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