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MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Flexible Urethane Foam-FR

DESCRIPTION: Cellular Foam

MANUFACTURER: Carpenter Co.
5016 Monument Ave.
Richmond, Virginia 23230

FOR PRODUCT INFORMATION: (804) 233-0606

EMERGENCY TELEPHONE: (800) 424-9300 – CHEMTREC

PREPARATION DATE: May 22, 2007

PREPARED BY: I. H. Department

SECTION 2 – INFORMATION ON HAZARDOUS INGREDIENTS

Halogenated Phosphate Esters (Mixture)

SECTION 3 – HAZARDS IDENTIFICATION

ACUTE EFFECTS:

Eye: None known.

Skin: None known.

Inhalation: None known.

Ingestion: None known.

CHRONIC EFFECTS: None known.

EXPOSURE GUIDELINES: None established.

SECTION 4 – FIRST AID

EYES: None known.

SKIN: None known.

INHALATION: None known.

INGESTION: None known.

SECTION 5 – FIRE AND EXPLOSION DATA

AUTO-IGNITION TEMPERATURE: >600°F (by ASTM D-1929)

HAZARDOUS COMBUSTION MATERIALS: Oxides of carbon.

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog or fine spray. Do not use direct water spray.

SPECIAL FIREFIGHTING PROCEDURES: Responding personnel must wear positive-pressure, self-contained breathing apparatus (SCBA) and protective firefighting clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Not applicable.

SECTION 7 – HANDLING AND STORAGE

WASTE DISPOSAL: Treat as normal refuse in accordance with local, State, and Federal regulations.

HANDLING/STORAGE: Store and use away from sparks, and open flame.

SECTION 8 – PERSONAL PROTECTION / EXPOSURE CONTROLS

RESPIRATORY PROTECTION: None required.

EYE PROTECTION: None required.

SKIN PROTECTION: None required.

ENGINEERING CONTROLS: None required.

ADDITIONAL PROTECTION: None required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: White or colored cellular material, with faint or no odor.
SPECIFIC GRAVITY: <1.0 (H₂O=1)
VAPOR PRESSURE: Not applicable.
VAPOR DENSITY: Not applicable.
BOILING POINT (° F): Not applicable.
SOLUBILITY IN WATER: Insoluble.

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
CONDITIONS TO AVOID: Heat, sparks, and open flame.
INCOMPATIBILITY: Strong oxidizing agents.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:
LD50 rat (oral) Not available.
LD50 rabbit (dermal) Not available.
LC50 rat (inhalation) Not available.
CARCINOGENICITY: No component listed under IARC, NTP, or OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.
BIODEGRADATION: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with Federal, State/Provincial, and local regulations

SECTION 14 – TRANSPORT INFORMATION

U.S. DOT: Not regulated.

SECTION 15 – REGULATORY INFORMATION

USA REGULATIONS

TSCA: The components of this product are listed on, or are exempt from the TSCA inventory.

SARA 311/312: Halogenated Phosphate Esters – Acute health hazard. Chronic health hazard.

SARA 313: None reportable.

STATE RIGHT-TO-KNOW: To the best of our knowledge, this product contains no chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. (California Health and Safety Code Section 25249.6).

SECTION 16 – OTHER INFORMATION

NPCA/HMIS RATINGS

Health:	0
Flammability:	1
Reactivity:	0
Personal Protection:	-

WARNING

URETHANE FOAM IS FLAMMABLE!

DO NOT EXPOSE URETHANE FOAMS TO OPEN FLAMES OR ANY OTHER DIRECT OR INDIRECT HIGH TEMPERATURE IGNITION SOURCES SUCH AS BURNING OPERATIONS, WELDING, BURNING CIGARETTES, SPACE HEATERS OR NAKED LIGHTS.

ONCE IGNITED, URETHANE FOAMS WILL BURN RAPIDLY, RELEASING GREAT HEAT AND CONSUMING OXYGEN AT A HIGH RATE. IN AN ENCLOSED SPACE THE RESULTING DEFICIENCY OF OXYGEN WILL PRESENT A DANGER OF SUFFOCATION TO THE OCCUPANTS. HAZARDOUS GASES RELEASED BY THE BURNING FOAM CAN BE INCAPACITATING OR FATAL TO HUMAN BEINGS IF INHALED IN SUFFICIENT QUANTITIES.

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