



FOAM, PLASTICS & RUBBER PRODUCTS CORP.
4765 East Bryson Street, Anaheim, California 92807
(714) 779-0990 • Fax (714) 779-8066

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Flexible Polyether and Polyester Polyurethane Foam

SECTION II - HAZARDOUS INGREDIENTS

Not applicable

SECTION III - PHYSICAL DATA

Form: Resilient, Cellular, Foamed Plastic (often referred to as "foam rubber").
Density: Various, from 0.9 to 15 pounds per cubic foot

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media:
water stream, spray, or fog
dry chemical
foam

Flash Point: >200 F
Decomposes at about 600 F

Unusual Fire and Explosion Hazards:
If ignited, the product may melt, producing flammable liquids.
Burning produces toxic gasses, intense heat, and dense smoke.

Special Firefighting Procedures:
Due to potentially toxic fire gasses, wear self contained breathing apparatus and full turn-out gear. Combustion products are essentially carbon dioxide, carbon monoxide and traces of cyanides and nitrous oxides.



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SECTION V - HEALTH HAZARD DATA

Effects of Overdose: Product is essentially inert unless burned or heated to the fuming point, in which case the fumes should be considered toxic.

Primary Route of Entry: Inhalation of fumes.

Animal studies indicate that chronic overexposure to the dusts may cause inflammation of the lungs, fibrosis and airway obstruction.

SECTION VI - REACTIVITY DATA

Polyurethane foams are stable and unreactive.

Conditions to Avoid: Extreme heat source such as; sparks, flames, light bulbs.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken for Clean Up: Pick up, sweep up, vacuum up as with any inert flammable solid.

Waste Disposal: Conform to local, state, and Federal regulations.



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SECTION VIII - SAFE HANDLING AND USE INFORMATION

Respiratory Protection: No special protection unless fumes or dust is involved.

Ventilation: None required under normal conditions.

Protective Gloves: None required.

Eye Protection: None required

SECTION IX - SPECIAL PRECAUTIONS

Do not expose polyurethane foam to welding, smoking materials, naked lights, open flames, space heaters, burning operations, other ignition sources, or other heat or flames - Once ignited, polyurethane will burn rapidly, releasing great heat and consuming oxygen at a high rate in an enclosed space. Deficiency of oxygen will present a danger of suffocation to occupants. Hazardous gases and smoke released by burning foam can be incapacitating or fatal to human beings if inhaled.

Precautions to be Taken in Handling and Storage: Maintain adequate sprinkler protection where large volumes of product are kept; i.e., warehouse, fabrication areas, storage rooms, etc. See your fire insurance carrier for specific recommendations.

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