

SECTION 1 – IDENTIFICATION

Product Name: Capu-Cell®

Product Use: Polyurethane Foam Products

Product Family: Hydrophilic Polyurethane Foams

Chemical Family: Cellular Polyurethane; CAS #9009-54-5

Manufacturer: Foam Sciences
1200 Northland Avenue
Buffalo, New York 14215

Telephone: (716) 895 – 6100 x224 (7:00 AM to 3:30 PM E.S.T. Monday through Friday)

SECTION 2 – HAZARDS IDENTIFICATION

Flammability - Category 1

Health – Category 0

Reactivity – Category 0

Exposure to hazardous substances is not expected when handling Capu-Cell® for its intended use.

Relevant Routes of Exposure:

Eye: Foam dust can cause mechanical irritation to the eyes. If exposed, avoid rubbing eyes.

Inhalation: dust can cause mechanical irritation of the respiratory tract. Airborne dust is generally considered as a nuisance dust. Temperatures over 350°Fahrenheit may generate toxic gases and respiratory irritants.

Ingestion: Not an expected route of exposure. May be harmful if swallowed.

Medical Conditions Aggravated by Exposure: None Known

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Capu-Cell® is a fully cross-linked reaction product of isocyanates, catalyst and water.

This product is not hazardous according to the criteria established in the OSHA Hazard Communication Standard.

SECTION 4 – FIRST AID MEASURES

Skin Contact: None necessary

Eye Contact: Flush eyes with water to remove particulates. Avoid rubbing eyes. Consult physician

Inhalation: Remove to fresh air, consult physician if respiratory discomfort persists.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: Decomposition products flash at > 500° Fahrenheit

Extinguishing Media: Water, Dry Chemical, Carbon Dioxide

Unsuitable Extinguishing Media:

Explosive Limits: Not explosive in manufactured form

Specific Hazards arising from the Chemical: Foam can emit combustible toxic gases making flashback possible. Foam will burn with high heat and evolution of black smoke.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus in enclosed areas

SECTION 6 – ACCIDENTAL RELEASE MEASURES

No special response required – pick up, vacuum or sweep up

SECTION 7 – HANDLING AND STORAGE

Precautions to be taken in Handling and Storage:

Bun stock and other large quantity forms should be stored in a well ventilated area under a sprinkler system (provide adequate clearance between foam and sprinkler heads).

Do not store foam near any ignition sources such as exposed electrical or gas heating elements, open flames or exposed lights.

Do not smoke in foam storage areas

Foam scrap and cuttings should be cleaned up and not be allowed to accumulate.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Recommended for processing operations that may generate dust

Respiratory Protection: Dust – use dust mask
Vapor – Organic vapor cartridge

Ventilation: Dust collection equipment is recommended for dust generating processing procedures such as sawing and grinding. Local exhaust ventilation is recommended for decomposition processing procedures such as hot wire cutting and flame lamination.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flexible cellular solid structure

Color: White to off white, natural or specified color

Odor: Generally odorless

Boiling Point: Not Applicable

Solubility in Water:

Insoluble

Vapor Density: Not Available

Melting Point: Decomposes above 350°F

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: open flame, high temperature, strong oxidizers (i.e. chlorates, bromates, nitrates and hypochlorites) can cause discoloration

Incompatible Materials: Strong oxidizing acids will degrade product. Exposure to ultraviolet light may alter the color shade.

Hazardous Decomposition Products: Carbon monoxide, oxides or nitrogen, hydrogen cyanide, acrylonitrile

Hazardous Polymerization: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Polyurethane Foam - no applicable or available data for this section

SECTION 12 – ECOLOGICAL INFORMATION

No applicable or available data for this section

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in compliance with all applicable federal, state and local regulations and laws.

SECTION 14 – TRANSPORT INFORMATION

U.S Department of Transportation: Not Regulated

Suggested shipping name: Capu-Cell® Hydrophilic Polyurethane Foam

SECTION 15 – REGULATORY INFORMATION

No applicable or available data for this section

SECTION 16 – OTHER INFORMATION

Revision Date: September 25, 2015

Revision Summary: Updated to SDS format. Previous version (April, 2011) was in 16 section MSDS format.

Original Issue Date: October, 1996

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