

**Material Safety
Data Sheet**
FOAM CONCEPTS, LLC

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PRODUCT IDENTIFICATION

Trade Name: FC ES 24-005 R
Chemical Name: Mixture
Synonyms: Polyurethane Resin

Chemical Family: Polyol Resin System
Formula: N/A
Date Prepared: 04/29/08

INGREDIENTS-HAZARD CLASSIFICATION

Name:	CAS NO.	%	PEL
Tertiary Amine Catalysts ¹		< 1	None Established.
¹ Not listed as a carcinogen (NTA, IARC, OSHA)			

SHIPPING INFORMATION

Not regulated when shipped by land, water or air.

PHYSICAL DATA

Boiling Point (°F): >200°F
Solubility in Water: High
Appearance and Odor: Amber liquid, faint ammonia odor

Specific Gravity: 1.06
% Volatile by Volume: 0

FIRE AND EXPLOSION HAZARD DATA

Flash Point (test method): >200°F (P-M) **Flammable Limits (vapor)** N/A

Extinguishing Media: Water, dry chemicals, CO₂

Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn to protect against toxic and irritating vapors.

Unusual Fire and Explosion Hazards: None

REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** N/A

Polymerization: Will not occur **Conditions to Avoid:** N/A

Incompatibility: Isocyanates and other chemicals that react with hydroxyl groups.

Hazardous Decomposition Products: When burned; CO, CO₂, NO_x, and aliphatic fragments, halogen, halogen acids and possibly carbonyl halides.

HEALTH HAZARD DATA

Permissible Exposure Limit: None established.

Effects of Overexposure: May cause skin or eye irritation upon contact. Avoid breathing vapors. The dense vapors can displace and reduce breathing air in confined or unventilated spaces causing asphyxiation. Overexposure may cause tremors, confusion, irritation, and may result in cardiac sensitization.

First Aid Procedures

Eyes: Flush with water for at least 15 minutes. See a physician if irritation develops.

Skin: Wash with soap and water at first opportunity.

Inhalation: Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.

Ingestion: Induce vomiting; get medical attention.

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust ventilation is recommended when working with this product. Uses requiring heating and/or spraying may require more ventilation or personal protective equipment.

Respiratory Protection: The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, full-face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air purifying respirators equipped with organic vapor cartridges can be used in certain situations, *see OSHA standard 29CFR 1910.134*. All equipment must be NIOSH/MSHA approved and maintained.

Eye Protection: Goggles or chemical safety glasses.

Gloves: Chemically resistant rubber or plastic.

Other: Avoid eye and skin contact. Eye wash system and showers should be available.

SPILL OR LEAK PROCEDURES

Remove or extinguish ignition or combustion sources.

Contain spill. Absorb with sawdust, etc., and shovel into container. Waste material should be disposed of under conditions which meet federal, state, and local environmental regulations.

Wash area with detergent and water.

SPECIAL PRECAUTIONS

Store between 65°F and 85°F out of sunlight. Keep tightly sealed. Relieve pressure slowly when opening container.

R Component drums can be sent to drum reconditioners or disposed of as ordinary industrial waste in compliance with pertinent regulations.

CAUTION: Under no circumstances should empty drums be burned or cut open with an electric or gas torch.

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