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For Chemical Spills, Fires, or Exposure:
Call CHEMTREC (day or night)
+1-800-424-9300 (in USA)
+1-703-527-3887 (International)

MATERIAL SAFETY DATA SHEET

Section 1. Product Identification:

Product name: Mounting Medium MM83 Code number: _____

Section 2. Composition/Information on Ingredients:

Composition and CAS number:
108-88-3 Toluene (60%-70%)
Not Available Acrylic Resin (30%-40%)

Section 3. Hazards Identification:

NFPA: 2,3,0 (Health, Flammability, Reactivity)
HMIS: 2,3,0 (Health, Flammability, Reactivity)
See Section 5 for additional information

Section 4. First Aid Measures:

Eye Exposure: Immediately flush eyes with copious amounts of water and separate eyelids to assure adequate flushing.
Skin exposure: Flush with copious amounts of water; if redness or irritation occurs, seek medical attention.
Oral exposure: If swallowed, wash mouth with water provided that person is conscious; do not induce vomiting unless directed to do so by medical personnel; seek medical attention
Inhalation: Remove to fresh air; if breathing becomes difficult, seek medical attention.

Section 5. Fire Fighting Measures:

Flash point: 4.5 °C (40 °F)
Auto-ignition temperature: 480 °C (896 °F)
LEL Rating: 1.1% UEL Rating: 8.2%
Extinguishing media: Water spray to cool hot surfaces and to protect personnel; foam, dry chemical powder and/or carbon dioxide to extinguish the fire.
Protective equipment: Wear self-contained breathing apparatus and protective clothing to protect against heat, and to prevent contact with eyes and skin.
Decomposition products: Nothing unusual

Section 6. Accidental Release Measures:

Precautions: Avoid contact with eyes and skin, and avoid inhalation of aerosols.
Clean up: Absorb with an inert material; place in closed containers; ventilate area; clean spill site and dispose of waste according to applicable Federal, State and Local regulations.

Section 7. Handling and Storage:

Handling: Avoid contact with eyes, skin and clothing, and avoid inhalation of aerosols. Keep away from heat and potential ignition sources.
Storage: Keep containers tightly closed and store at room temperature.

Section 8. Exposure Controls and Personal Protection:

Protective Equipment: Protective gloves and other impervious clothing for prolonged or repeated exposures; safety goggles if material is handled such that it could be splashed into eyes.
Hygiene Measures: Wash thoroughly after handling.
Engineering Controls: Safety shower, eye bath and ventilation exhaust

Section 9. Physical and Chemical Properties:

Appearance: Slightly yellow liquid, aromatic odor
Boiling point: 110 °C (231 °F)
Specific gravity: 0.86 at 16 °C (61 °F) (H₂O = 1.0)

Section 10. Stability and Reactivity:

Stability: Stable
Materials to avoid: Strong oxidizing agents
Hazardous polymerization: Does not occur
Hazardous decomposition products: None

Section 11. Toxicological Information:

Toxicity to Animals: Acute for oral, dermal and vapor inhalation.
Toxicity to Humans: May have carcinogenic, mutagenic and/or teratogenic effects upon prolonged or chronic absorption, ingestion and/or inhalation.
See Section 4 for additional information.

Section 12. Ecological Information:

Toxic to environment. Information on biodegradation not yet available.

Section 13. Disposal Considerations:

See Section 6. In all cases, disposal should follow all applicable Federal, State and Local regulations.

Section 14. Transport Information:

DOT: Resin Solutions, 3, UN1866, II

Section 15. Regulatory Information:

United States: TSCA: CAS #108-88-3 is a listed material.
Clean Water Act (40CFR110): CAS #108-88-3 is listed as a Hazardous Substance, a Toxic Pollutant and a Priority Pollutant
Clean Air Act: CAS #108-88-3 is listed as a Hazardous Air Pollutant
SARA Title III, Section 313: CAS #108-88-3 is subject to these reporting requirements
Canada: WHMIS: Classified in accordance with the CPR as B2, D2A, D2B, and the MSDS contains all of the information that is required by the CPR.

Section 16. Other Information:

Disclaimer: For commercial and laboratory uses only. Not for drug, or other uses.
Warranty: The above information is believed to be correct, but is not intended to be all inclusive. It is intended to be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product only with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CBG Biotech shall not be liable for any damage resulting from handling, or from contact with the product. See reverse sides of invoice, for additional terms and conditions of sale.