



## Material Safety Data Sheet

Valid from January 9<sup>th</sup>, 2024

### Product: Rexolite 1422 (Cross Linked Polystyrene)

#### 1. Identification of the substance/preparation and of the company/undertaking. Rexolite 1422

*Manufacturer:*

C-Lec Plastics Inc.  
6800 New State Road  
Philadelphia, PA 19135 U.S.A.

#### 2. Hazards Identification No particular hazards known.

#### 3. Composition/Information on Ingredients

*Chemical characteristics:* Polystyrene CAS # 9003-53-6

#### 4. First Aid Measures

*Contact with Eyes:* This product is in solid sheet form. Always use proper eye protection when cutting or machining this material. If dust or particles contact the eyes during subsequent machining or cutting, administer eyewash in same manner consistent with company safety policy and consult physician. The particles are not considered to be otherwise hazardous.

*Inhalation:* May be an obstruction if swallowed. Single dose oral toxicity is believed to be low. Considered physiologically inert. Vapors are unlikely due to physical properties. Dust may cause irritation to the upper respiratory tract.

*Following Contact with Skin:* Mechanical injury only. Skin absorption is unlikely due to physical properties.

#### 5. Fire Fighting Measures *Suitable Extinguishing Agents:* Water fog, foam, alcohol foam, CO<sub>2</sub>, dry chemical. *In Case of Fire, the Following Hazardous Gases can be Produced:* CO<sub>2</sub> and CO. Smoke and noxious gases. (Carbon Monoxide & Hydrocarbons)

6. **Accidental Release Measures** *None Required*

7. **Handling and Storage** Store in a manner as not to expose to open flame or temperatures over 300°C release combustible gases.
8. **Exposure Controls/Personal Protection** *General Protective Measures:* No protective clothing is required for handling this product. Avoid contact of molten material with the skin.

9. **Physical and Chemical Properties**

BOILING POINT:	Not Applicable
VAP PRESS:	Not Applicable
VAP DENSITY:	Not Applicable
SOL. IN WATER:	None
SP. GRAVITY:	1.05
APPEARANCE:	Solid
ODOR:	No Odor

10. **Stability and Reactivity** *Hazardous Reactions:* No hazards known.

11. **Toxicological Information** *Remarks:* According to experience, this product is harmless to health if handled in the correct manner.

12. **Ecological Information** *Disposal:* This product can normally be disposed of as normal solid waste for landfills. However, C-LEC Plastics, Inc. holds no liability for the disposal of this product. It is the user's responsibility to comply with all local and state laws for proper disposal. Always consult the local regulatory agencies for proper disposal.

13. **Disposal Considerations** Bury in landfill or burn in adequate incinerator in accordance with all applicable Federal, State and Local Laws.

14. **Transport Information** This product is considered a non-hazardous product.

15. **Regulatory Information** None specified. Always check with local authorities.

16. **Other information including information on preparation and revision of the SDS....** This information is believed by the technical staff at C-LEC Plastics, Inc. to be true and accurate for the normal and intended use of this product as of the date that this MSDS sheet was produced. Since CLEC Plastics, Inc. has no control over the actual use of this product, it is the sole responsibility of the user to determine the proper protection with regards to safety and disposal of this product. C-LEC Plastics, Inc. further recommends consulting local regulatory agencies to determine applicable laws and regulations.