

Acryglas®

1. PRODUCT AND COMPANY IDENTIFICATION

- A. Manufactured under contract for CALSAK PLASTICS
- B. Address: 5800 Campus Circle Drive E, #150B, Irving, TX 75063
- C. Phone: 469-299-7000
- D. Printed Date: 10/23/2024
- E. Product Name: Acryglas®

2. COMPOSITION

- A. Chemical Name: Methyl Acrylate-Methyl Methacrylate Polymer
- B. CAS No.: 9011-87-4
- C. Contents (%): 100%

3. HAZARDS IDENTIFICATION

HEALTH HAZARD DATA

- A. Eye: No toxic Symptoms reported.
- B. Skin: No toxic Symptoms reported.
- C. Inhalation: No toxic Symptoms reported.
- D. Ingestion: No toxic Symptoms reported. However, Low toxicity by this route is expected based on biological activity of high molecular weight polyester polymers.

4. EMERGENCY AND FIRST AID MEASURES

- A. Eye (Contact): Flush with plenty of water. Seek medical attention if symptoms persist.
- B. Skin (Contact): If molten polymer contact skin, cool rapidly with cold water.
- C. Inhalation: Move to fresh air.
- D. Ingestion: If significant quantity has been swallowed, give a glass of water and induce vomiting. Seek medical attention.

5. FIRST AND EXPLOSION HAZARD DATA

- A. Flash Point: No data
- B. Autoignition Temp: 393°C (739 °F)
- C. Flammable Limits: No data
- D. Extinguishing Media: Dry Chemical, CO₂, Foam or Water spray
- E. Special Fire Fighting Procedure: Water and/or dry chemical should not be used on machinery.
Self-contained breathing apparatus and personal protective equipment may be needed for large fires.

6. SPILL OR LEAK MEASURES

- A. Waste Disposal Method: Transfer to an approved disposal area in accordance with regulation on industrial waste disposal.

7. HANDLING AND STORAGE

- A. Handling: Care should be taken to avoid accidents when loading, unloading, or stacking the product.
- B. Storage: Avoid exposure to direct flames. Indoor storage areas should have a standard fire protection sprinkler system.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- A. Ventilation: Local exhaust recommended when appropriate to control employee exposure.
Mechanical may not be adequate as the sole means to control employee exposure.
- B. Respiratory Protection: Approved respirators recommended when handling hot material.
- C. Protective Gloves: Recommended during melt processing.
- D. Eye Protection: Safety glasses recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

- A. Appearance: Clear Sheet
- B. Color: Clear
- C. Melt Point: between 110~130°C
- D. pH: No data
- E. Specific Gravity: 1.15~1.19(H₂O=1)
- F. Solubility in Water: Insoluble

10. STABILITY AND REACTIVITY

- A. Stability: Stable (Normal condition)
- B. Incompatibility: Avoid form heat, spark
- C. Hazard Polymer
- D. Conditions to Avoid: Do not heat above 280°C

11. TOXICOLOGICAL INFORMATION

- A. Sensitization: No data
- B. Acute Toxicity: No data
- C. Precautions to be taken in handling and storing. Store in cool dry place.

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

- A. Recommendation: Must be specially treated under adherence to official regulations.

14. TRANSPORT INFORMATION

- A. Land transport: No data
Not dangerous according to the above specifications.

15. REGULATORY INFORMATION

Not Applicable

16. OTHER INFORMATION

The information submit in this Safety Data Sheet is based on our current knowledge and experience.
All materials may present unknown health hazards and should be used with caution.