MATERIAL SAFETY DATA SHEET PRODUCT: AQM SIOX

Commercial Product Name: AQM SIOX

Synonyms: Silicone E-beam photoresist

1. Company Identification

Applied Quantum Materials Inc.
18 Orlando Dr.
ST. ALBERT, Alberta
T8N 6V9 Tel.: (780) 554-7398

2. COMPOSITION / INFORMATION ON INGREDIENTS

Consists of polymeric SiOx

3. HAZARDS IDENTIFICATION

Generally, not hazardous in normal handling.

HMIS Classification

Health Hazard: 0
Flammability: 0
Physical Hazards :0

4. FIRST AID MEASURES

Inhalation: May be harmful if inhaled. Remove to fresh air. Get medical attention for any breathing difficulty. Skin contact: May cause skin irritation. Eye Contact: May cause irritation. Ingestion: May be harmful if swallowed.

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazard: Negligible fire and explosion hazard
Suitable Extinguishing Media: Any means suitable for extinguishing surrounding fire.
Specific hazards: Not applicable.

The information given has been obtained from numerous measures and is for guidance only. No guarantee is given or implied. For more information please contact Applied Quantum Materials Inc. 18 Orlando Dr., St. Albert, AB, T8N 6V9 Tel.: +1 (780) 554-7398.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes.
Environmental Precautions: No special environmental precautions required.
Methods for Cleaning up: Shovel or sweep up. Shovel into suitable container for disposal. Avoid dust forming. Avoid spillage from entering drains or water courses. Dispose of as normal trade waste in compliance with local and national regulations.

7. HANDLING AND STORAGE/HANDLING

Safe handling advice: Avoid contact with skin and eyes. Avoid the formation of dust. Do not breathe dust. Ensure adequate ventilation.
StorageTechnical measures / Storage conditions: Keep container tightly closed (hygroscopic). Store either under inert atmosphere or under vacuum.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control ParametersExposure limit(s): Not available.
Personal Protection EquipmentHygiene measures: Avoid contact with skin and eyes. Avoid dust formation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : powder packed in Nalgene bottles, Colour: white crystals, Odour: None, pH : N/A

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended condition.

Conditions to avoid: Keep containers dry and tightly closed to avoid moisture absorption and contamination (hygroscopic).

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: None, Local Effects: Skin irritation, eye irritation. Sensitization: No data available, Chronic Toxicity: None, Human Experience: Skin irritation, eye irritation.
12. ECOLOGICAL INFORMATION

Persistence / Degradability: Stable, Bioaccumulation: No data available, Mobility: No data available
Ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Contaminated Packaging: In accordance with local and national regulations.
Waste from residues / unused products: In accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN – No: Not regulated, Packing Group: Not regulated, ADR / RID: Not regulated,
IMO: Not regulated, ICAO: Not regulated.

15. REGULATORY INFORMATION

WHMIS Classification: Not WHMIS controlled.

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions of the operations mentioned are beyond our control. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.