

1. Identification

Product Name: Premium White Quartz Aggregate (Natural Crystalline Silica)

Sizes: 8/16 Mesh (800–1700 µm), 12/20 Mesh (1200–2500 µm)

Recommended Use: Pool plaster applications, as well as general filler and construction material in architectural and decorative applications.

Distributor: Continental Distribution

2. Hazard(s) Identification

Not classified as hazardous in solid form.

Dust may contain respirable crystalline silica.

Prolonged inhalation may cause silicosis.

Crystalline silica is classified by IARC as carcinogenic to humans.

3. Composition / Information on Ingredients

Crystalline Silica (Quartz)

CAS: 14808-60-7

Content: ≥ 99%

Trace: Fe₂O₃, Al₂O₃, TiO₂, CaO, MgO, Na₂O, K₂O

4. First Aid Measures

Inhalation: Move to fresh air

Eyes: Rinse with water

Skin: Wash with soap

Ingestion: Rinse mouth

5. Fire Fighting Measures

Non-combustible material

6. Accidental Release Measures

Avoid dust. Use vacuum or wet methods. Never dry sweep.

7. Handling and Storage

Avoid dust generation. Use ventilation.

Do not use for sandblasting.

Store dry.

Packaging: 50 lb bags

8. Exposure Controls / Personal Protection

OSHA PEL (respirable silica): 50 $\mu\text{g}/\text{m}^3$

Use respirator if needed

Safety glasses recommended

9. Physical and Chemical Properties

White granular solid, odorless

Density: $\sim 2.65 \text{ g}/\text{cm}^3$

Insoluble in water

10. Stability and Reactivity

Stable under normal conditions

11. Toxicological Information

Respirable crystalline silica may cause silicosis and lung cancer.

Chronic exposure increases risk.

12. Ecological Information

No known environmental hazards

13. Disposal Considerations

Dispose per local regulations

14. Transport Information

Not regulated as hazardous

15. Regulatory Information

OSHA compliant. Contains crystalline silica

16. Other Information

This SDS is based on available data and typical quartz composition. No warranty expressed or implied.