



Safety Data Sheet

SECTION 1: PRODUCT DESCRIPTION & COMPANY IDENTIFICATION

Product Description

- **Product Identity:** Phoenix Quartz Surfaces , & Viana Quartz (Brand)
- **Use(s):** Phoenix Quartz surfaces are designed for **indoor applications**, including **kitchen and bathroom countertops, flooring, shower walls, cladding, and other architectural uses.**

Company Identification

- **Manufacturer/Supplier:** Phoenix Quartz Manufacturing
- **Corporate Office Address:** 10150 Highland Manor Dr, Tampa, Florida 33610
- **Factory Locations:** Vietnam, India
- **Emergency Contact:** +1 3523039975
- **Email:** Info@phoenixquartz.com
- **Websit:** www.phoenixquartz.com

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview

- **Color:** Available in various colors
- **Appearance:** Solid sheets
- **Odor:** Odorless

Under normal conditions of use, this product is not expected to pose any unusual industrial hazards.

Potential Health Effects & Protection Measures

Exposure Type	Potential Effects	Protective Measures
Inhalation	Dust generated from cutting, polishing, or grinding may cause irritation to the respiratory tract.	Wear anti-dust masks.
Eye Contact	Dust may cause mild irritation.	Use protective eyewear. Avoid contact lenses.

Skin Contact	Prolonged exposure to dust may cause minor irritation or abrasions.	Wear protective clothing and gloves.
Ingestion	Not hazardous under normal use but may cause irritation if ingested.	No special measures required.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Composition
Crystalline Silica (Quartz)	14808-60-7	85-94%
Resins & Trace Minerals	NA	6-15%
Cristobalite	14464-46-1	0-60%

Physical Description: Agglomerated stone

SECTION 4: FIRST AID MEASURES

- **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.
- **Eye Contact:** Flush eyes with water for at least 15 minutes. Seek medical help if irritation persists.
- **Skin Contact:** Wash with soap and water. Seek medical attention if irritation occurs.
- **Ingestion:** Seek medical advice if discomfort occurs.

SECTION 5: FIRE FIGHTING MEASURES

- **Extinguishing Media:** Use appropriate media for surrounding fire.
- **Special Fire Fighting Procedures:** Firefighters should wear self-contained breathing apparatus and protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Collect and dispose of material according to local regulations.
- Suppress dust with water or vacuum during fabrication.
- Wear appropriate personal protective equipment.

SECTION 7: HANDLING & STORAGE

- **Handling:** Use proper equipment when lifting slabs. Always wear safety shoes and helmets.
 - **Storage:** Store in a cool, dry, covered area. Stack slabs carefully to prevent scratches.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Engineering Controls:** Use water suppression and ventilation systems to control dust.
 - **Personal Protective Equipment (PPE):**
 - **Eyes:** Protective goggles
 - **Skin:** Protective clothing and gloves
 - **Feet:** Safety shoes
 - **Respirators:** OSHA/CSA-compliant respiratory protection if required
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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Property	Value
Appearance	Solid sheet
Color	Various
Odor	Odorless
Specific Gravity	2.15 – 2.46 g/cc
Water Solubility	Insoluble
pH	NA
Boiling Point	NA
Melting Point	NA

SECTION 10: STABILITY & REACTIVITY

- **Stability:** Stable under normal conditions.
 - **Incompatible Materials:** Avoid strong bases and hot surfaces.
 - **Decomposition Products:** May release silica dust when fabricated.
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SECTION 11: TOXICOLOGICAL INFORMATION

Chronic Effects of Crystalline Silica Exposure

- **Silicosis:** Long-term exposure to silica dust can cause lung disease.
 - **Carcinogenic Potential:** Classified as a known human carcinogen by IARC, NTP, and OSHA.
 - **Other Risks:** Exposure may increase risks of tuberculosis, scleroderma, and kidney disease.
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SECTION 12: ECOLOGICAL INFORMATION

- **Environmental Toxicity:** No known risks
 - **Certifications:**
 - **ISO 9001:** Certified for quality management
 - **NSF/ANSI 51:** Certified for food contact
 - **Greenguard :** Low chemical emissions certification
 - **US Green Building Council Member**
 - **Kosher Certified**
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

- **Not regulated for transport**
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SECTION 15: REGULATORY INFORMATION

- **SARA Title III Hazard Classes:**
 - Fire Hazard: No
 - Reactive Hazard: No
 - Acute Health Hazard: No
 - Chronic Health Hazard: Yes
 - **California Prop 65:** Contains crystalline silica, a known carcinogen.
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SECTION 16: OTHER INFORMATION

NFPA & HMIS Ratings:

- **Health Hazard:** 1
- **Flammability:** 0
- **Reactivity:** 0

Key Legend:

- NA = Not Applicable
- ND = Not Determined
- PEL = Permissible Exposure Limit
- TWA = Time Weighted Average

This document provides comprehensive safety and handling guidelines for **Phoenix Quartz** surfaces, Viana Quartz (Brand) ensuring a safe and sustainable experience for all users.