STRATUS QUARTZ™

SAFETY DATA SHEET

Product Name: Stratus Quartz™
Company Name: Stratus Surfaces, LLC
Address: 16140 Bratton Ln, Suite 100, Austin, TX 78728

HAZARDS IDENTIFICATION

Stratus Quartz products poses no health risks in the form they are shipped and delivered. However, during the fabrication process – cutting, drilling, grinding or any other fabrication process, as well as when it is being removed or demolished from a project, it may generate dust and particles that contain crystalline silica and may cause health effects, including:

- Eye irritation and injury.
- Skin irritation.
- Irritation to respiratory tract, nose, throat and lungs.
- May cause gastrointestinal irritation if dusts are swallowed.
- Prolonged exposure to crystalline silica may cause adverse health effects, including: silicosis, cancer, tuberculosis and others.

CHEMICAL COMPOSITION

To remove a more stubborn stain such as wine, coffee, tomato sauce, etc. any multi-purpose cleaner or detergent (with a neutral pH between 6 and 8) can be safely applied on such stains if water is used to thoroughly cleanse the surface of the cleaner/detergent residue after treatment.

Component	CAS Number	% of Composition
Crystalline silica as quartz and other natural components	14808-60-7	> 90%
Trace minerals and resins, that includes Al2O3, Fe2O3, TiO2, CaO, MgO, Na2O, K2O & others	N/A	Balance

FIRST AID MEASURES

If dust and particles have contact with:

- **Eyes** – flush immediately with copious amounts of water for several minutes.
- **Skin** – wash affected area with soap and water and remove contaminated clothes, if needed.
- **Inhalation** – remove person to fresh air and, if trouble breathing, seek medical advice.
- **Ingestion** – if product is swallowed, especially in large amounts, seek medical advice.

We recommend seeking medical advice after any of the above events. If any of the above events are prolonged or repeated it may cause irreparable health damages.

FIRE FIGHTING MEASURES

Stratus Quartz products are only combusted with difficulty. Decomposition products resulting from the polymer and pigments degrading at elevated temperatures include various hydrocarbons, carbon dioxide, carbon monoxide and water. Fumes of metal oxides and mica particles could also be released.

In case of fire, use water, dry chemical, CO2 and foam as extinguishing media. We suggest calling 911 for any fire emergencies.

ACCIDENTAL RELEASE MEASURES

We recommend using a vacuum system with a High-Efficiency Particulate (HEPA) air filter to clean up dust produced during any of the processes with Stratus Quartz slabs. Damp sweeping is also recommender, but never dry sweeping as it will create additional dust. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or local Waste Management Authority. Dispose of waste in accordance with local, state and federal regulations.

HANDLING AND STORAGE

Use of respiratory protection is recommended when fabricating or removing Stratus Quartz. Always use wet cutting to reduce the amount of dust generated. Equipment with integral dust collection and exhaust ventilation is also recommended.

Stratus Quartz slabs are heavy and should be handle with care, using proper equipment to prevent damage.

Always store slabs in covered areas for best quality protection. Stratus Quartz should not be stored in uncovered areas or with direct contact with UV light for an extended period of time.

EXPOSURE CONTROLS/PERSONAL PROTECTION

The highest probability of silica exposure occurs during fabrication using dry cutting methods that produces a lot of dust. Wet cutting methods should always be used.

Adequate ventilation should be used to keep exposure to dust below recommended levels.

Use of properly fitted and NIOSH/MSHA approved respiratory protection is recommended when cutting or during the removal of Stratus Quartz products as well as dust-proof goggles or safety glasses with side shields. Cotton or leather work gloves should also be worn to prevent skin exposure and/or cuts.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Physical Appearance	Multi-colored engineered stone
Odor	None
pH	N/A
Relative Density	2.2 - 2.5
Solubility	Not soluble
Flash Point	490° C
Freezing/Melting/Boiling Point	N/A
Vapor Pressure	N/A
Evaporation Rate	N/A
Viscosity	N/A
Partition Coefficient	N-Octanol / Water – N/A

STABILITY AND REACTIVITY

Reactivity	Not applicable under normal conditions
Chemical Stability	Stable at normal temperatures and storage conditions
Possibility of Hazardous Reactions	Polymerization will not occur in solid state
Conditions to Avoid	None
Incompatible Materials	Incompatible with acetone, bleach, hydrofluoric acid, alkaline solution, abrasive scrubs and others
Hazardous Decomposition Products	None, if used as directed

TOXICOLOGICAL INFORMATION

Prolonged or massive inhalation of the dust (that contains silica – SiO_2) produced in the manufacturing or demolition processes of Stratus Quartz may cause silicosis, that reduces pulmonary capacity and increases the risk of lung cancer. Use of PPE, as informed above, is always recommended.

ECOLOGICAL INFORMATION

Environmental Toxicity	Not classified
Environmental Fate	Not classified
Persistence and Degradability	Not established
Other Adverse Effects	Not classified

DISPOSAL CONSIDERATIONS

Always dispose in accordance with federal, state and local authorities' requirements.

TRANSPORTATION INFORMATION

Not regulated as dangerous under transport regulations.

REGULATORY INFORMATION

All components of Stratus Quartz are on the list or excluded from the list of the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory requirements.

OTHER INFORMATION

The information provided above is correct to the best of our knowledge, information and belief at the time this was published.