

Element Stone Safety Data Sheet

Version 1.0- Issued August 1, 2018

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements of other countries.

SECTION 1. PRODUCT AND COMPANY INFORMATION

Product Name:	Element Stone
Restrictions on Use:	Surfacing applications for recommended applications
Manufacturer/Supplier:	Element Surfaces 1785 Enterprise Dr. – Suite B Buford, GA 30518 Office Phone: 855-796-9663

SECTION 2. HAZARDS IDENTIFICATION

Classification:	As shipped, non-hazardous quartz surfacing product.
Hazard Warnings:	Exposure limits may be applicable when cutting or grinding product creating dust, which can contain particles of crystalline silica (quartz). Overexposure to airborne quartz particles can cause silicosis.
Signal Word:	Danger: Do not breathe dust. Wear suitable respiratory equipment when ventilation insufficient.
Risk Phrase:	Danger of serious health damage by prolonged exposure through inhalation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Percent (%)
Quartz	14808 - 60 - 7	>85%
Non-Regulated Ingredients	Mixture	<15%

SECTION 4. FIRST AID MEASURES

First aid measures are not required when exposed to slabs of material. We offer the following solutions in situations of exposure to particulates when cutting the slabs, grinding the slabs, etc. However you should always seek Medical assistance if necessary.

Inhalation:	Move individual to fresh air, if individual is experiencing difficulty
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breathing seek medical assistance.

Skin Contact:

Wash exposed areas with soap and water.

Eye Contact:

Flush eyes with water for at least 5 minutes. Do not rub eye. Seek Medical attention if individual experiences irritation after eye flushing.

Ingestion:

Material is non-hazardous.

Important:

Symptoms of silicosis include coughing, wheezing, difficulty breathing, and progressive impairment of lungs function.

Protection of First-Aiders:

No applicable data available.

Notes to Physicians:

No applicable data available.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

The product itself does not burn. Use extinguishing measures that are appropriate to local situation and circumstances.

Unsuitable Extinguishing Media:

No applicable data available.

Specific Hazards:

No applicable data available.

Special Protective Equipment:

Wear self contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Finished product does not contain hazardous substances. There are no Enviromental precautions for handling an accidental release. See section 7 for Handling precautions.

SECTION 7. HANDLING AND STORAGE

Storage:

Material does not require special storage instructions. It is recommended material be stored in an area protected from the enviroment.

Handling:

Wear appropriate safety hand protection and foot wear.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Provide appropriate exhaust ventilation at places where dust is created.

Exposure Limit Values:

Not appropriate for material as shipped from manufacturer. When cutting or grinding for example, workers should seek from their employer appropriate personal protective equipment as required by the work enviroment conditions and equipment.

Personal Protective Equipment (PPE)

Eye/Face Protection:	Wear appropriate safety glasses with side shields.
Hand Protection:	Wear protective gloves for additional protection.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment. Dusk masks do not provide suitable respiratory protection.
Foot Protection:	Safety shoes are recommended when handling material.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Multicolored solid stone-like surface
Odor:	None
Odor Threshold:	No applicable data available
pH:	No applicable data available
Melting Point / Range:	No applicable data available
Boiling Point / Range:	No applicable data available
Flash Point:	Does not flash
Evaporation Rate:	No applicable data available
Flammability (Solid, Gas):	May form combustible dust concentrations in air
Upper / Lower Explosion Limits:	No applicable data available
Vapor Pressure:	No applicable data available
Vapor Density:	Vapor pressure
Relative Density:	2.2-2.4 g/cm ³
Solubility:	No applicable data available
Partition Coefficient:	N-octanol / water - No applicable data available
Auto-Ignition Temperature:	No applicable data available
Decomposition Temperature:	No applicable data available
Viscosity:	No applicable data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No applicable data available
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Chemical Stability: No applicable data available

Possibility of Hazardous Reactions: None foreseen

Conditions to Avoid: None foreseen

Incompatible Materials: No applicable data available

Hazardous Decomposition Products: No decomposition occurs if used as directed

SECTION 11. TOXICOLOGICAL INFORMATION

Crystalline Silica: Silicosis caused by inhalation and retention in the lungs of respirable crystalline silica dust.

Carcinogenicity for Crystalline Silica:

National Toxicity Program	“Known to be a carcinogen”
IARC (International Agency for Research on Cancer)	Group 1 (carcinogenic to humans)
OSHA (Occupational Safety and Health Administration)	Regulates as carcinogen

SECTION 12. ECOLOGICAL INFORMATION

This product has no known ecotoxicological effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods should follow local regulations.

SECTION 14. TRANSPORTATION INFORMATION

This product is not regulated as dangerous under transportation regulations.

SECTION 15. REGULATORY INFORMATION

Finished product is not regulated.

SECTION 16. OTHER INFORMATION

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication.