



**VICOSTONE** 

Also Known As  <sup>®</sup> In North America

# **SAFETY DATA SHEET**

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SDS Date: January 02<sup>nd</sup>, 2022



## 1. Product and company identification

Product Name: **VICOSTONE® QUARTZ SURFACES**

Company: **VICOSTONE JOINT STOCK COMPANY**

Address: Hoa Lac Hi-tech Park, Hanoi, Vietnam

Email : [\*info@vicostone.com\*](mailto:info@vicostone.com)

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Phone number: +842 433 685 826

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## 2. Hazard(s) identification

VICOSTONE® Quartz Surfaces are safe for delivery, storage and use as certified by GREENGUARD for indoor air quality, children and schools and by NSF for food safety (ANSI 051). However, operations such as sawing, drilling, grinding, sanding and routing can generate silica dust. The fine dust of quartz (silicon dioxide) containing crystalline silica can cause potential health effects.

- \*Acute Eye:** Dusts and flying particles generated during cutting, grinding and forming may cause irritation to the eyes such as burning, redness, and tearing.
- \*Acute Skin:** Dusts generated from this product may cause skin irritation.
- \*Acute Inhalation:** Dusts from product may cause irritation to respiratory tract, nose, throat and lungs.
- \*Acute Ingestion:** Dust may cause gastrointestinal irritation if swallowed.
- \*Chronic Exposure:** Prolonged exposure to respirable crystalline silica can cause silicosis and has been linked to other diseases, such as lung cancer, tuberculosis, fibrosis of the lungs, chronic obstructive pulmonary disease and kidney disease. The risk of lung diseases will increase if smoking is combined with silica inhalation. Always use a respirator or particular mask when cutting or abrading this material and to avoid generating dust, wet cutting methods should be used.
- \*Aggravation of Pre-existing Conditions:** Not Determined.

## 3. Composition/ information on ingredients

Component	CAS#	% Composition
Crystalline Silica (quartz)	14808-60-7	Around 90
Polymeric Resin	N/A	7-12







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## 9. Physical and chemical properties

<b>*Physical-Appearance:</b>	Multi-colored engineered stone
<b>*Odor:</b>	None
<b>*PH:</b>	NA
<b>*Specific Gravity-Density:</b>	2.2-2.5
<b>*Water Solubility:</b>	Insoluble
<b>*Melting Point:</b>	NA
<b>*Freezing Point:</b>	NA
<b>*Boiling Point:</b>	NA
<b>*Vapor Pressure:</b>	NA
<b>*Percent Volatiles by Volume:</b>	NA
<b>*Evaporation Rate:</b>	NA
<b>*Viscosity:</b>	NO
<b>*Flash Point:</b>	450°C
<b>*Explosion Limits:</b>	Lower: NO Upper: 96.1% LEL: 0.0% UEL: 149.26% Tm: 0 g G(Phy)-6(saeW†





**\*Hazardous**

**ISO 14001 Certification:** VICOSTONE is granted the ISO 14001 certificate for Environmental Management Systems.

**GREENGUARD Indoor Air Quality Certification & GREENGUARD Children and Schools Certification** give assurance that VICOSTONE® Quartz Surfaces are safe for indoor air quality, children and schools.

**Microbial Resistance Certification** granted by the GREENGUARD Environmental Institute certifies the product to be resistant to surface molds, microbes, thus giving a guarantee of safety for environment and users.

**ANSI Standard 051** Food Equipment Materials granted by NSF proves the product to be safe for food contact.


## 13. Disposal considerations

**\*Waste Disposal Method:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. The process, usage or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose in accordance with federal, state and local requirements.

## 14. Transport information

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*The information in this Safety Data Sheet is based on data available at the date of preparation of the document, which, to the best of our knowledge, was accurate and reliable. However, no warranty, implied or expressed, is given in relation to the accuracy of these data or the results to be obtained from the use thereof.*

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