

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As used on Label and list)
Quartz Surfaces

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
Cambria

Emergency Telephone Number
(507) 665-5003

Address (Number, Street, City, State, and Zip Code)
31496 Cambria Avenue

Telephone Number for Information
(507) 665-5003

Le Sueur, MN 56058

Date Prepared
01/05/01

Signature of Preparer (optional)

Section II – Hazardous ingredients / Identity information

Hazardous Components (Specific Chemical Identity; Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Non Hazardous- Quartz Surfacing Product				100

Exposure limits may be applicable for the following when cutting or grinding of the product is performed:

Silica, Crystalline (Quartz)	10 mg/m³ %Silica+2 (respirable)	0.05 mg/m³ Respirable 8 hr. TWA
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Section III – Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O - 1)	~ 2.2 – 2.39
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density	N/A	Evaporation Rate (Butyl Acetate – 1)	N/A

Solubility in Water
Insoluble

Appearance and Odor
Solid shaped articles, odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Use) N/A	Flammable Limits N/A	LEL	UEL
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Extinguishing Media
Water, Dry Chemical, CO₂, Foam.

Special Fire Fighting Procedures
Keep personnel upwind of fire and use self-contained breathing apparatus and protective gear.

Unusual Fire and Explosion Hazards

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

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (*Materials to Avoid*)
None

Hazardous Decomposition or Byproducts

Thermal decomposition can release various hydrocarbons, carbon dioxide, carbon monoxide, and water. Fumes of metal oxides and mica particles could also be released.

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? No
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Health Hazards (*Acute and Chronic*)

This product is not hazardous as shipped. However, grinding and cutting may generate dust containing crystalline silica. High concentrations may cause irritation to the eyes, nose and respiratory tract. Continued overexposure to respirable crystalline silica can cause silicosis, a chronic and progressively debilitating disease, created by the silica-containing scar tissue which forms in the lungs. Symptoms of silicosis include cough, shortness of breath, wheezing, non-specific chest illness and progressive impairment of pulmonary function. This disease is aggravated by smoking. Individuals with pre-existing conditions of the lungs may have increased susceptibility.

Carcinogenicity: Silica, Crystalline (Quartz)	NTP? X	IARC Monographs? 1	OSHA Regulated? No
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This product is not considered to be a carcinogen as shipped, only when dust containing crystalline silica is produced.

Medical Conditions

Generally Aggravated by Exposure Disorders or diseases of the respiratory system may be aggravated by exposure to high concentrations of crystalline silica.

Emergency and First Aid Procedures

If large amounts of dust is inhaled, remove to fresh air. If persistent irritation or breathing difficulties occur, seek medical help.

Section VII – Precautions for Safe Handling**Steps to Be Taken in Case Material is Released or Spilled**

Recover material for reuse and reclamation when possible. For silica dust, use a vacuum or wet down to prevent causing airborne particles.

Waste Disposal Method

Dispose of according to local state and federal regulations.

Precautions to Be Taken in Handling and Storing

When cleaning up spill use protective equipment per section VIII.

Other Precautions**Sections VIII – Control Measures****Respiratory Protection (*Specify Type*)**

NIOSH approved respirator during cutting or grinding. Respirators should be used in accordance with OSHA Respiratory Protection Standard CFR 1910.134.

Ventilation (<i>during cutting/grinding</i>)	Local Exhaust X	Special
	Mechanical (<i>General</i>) X	Other

Protective Gloves X	Eye Protection Safety glasses or goggles when cutting or grinding.
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Other Protective Clothing or Equipment
None

Work / Hygienic Practices
GMP and personal hygienic practices recommended.

The opinions expressed herein are those of qualified experts within Davisco Foods Int'l, Inc. We believe that the information contained herein is current as the date of MSDS sheet. Since the use of this information and these conditions of use of this product are not within the control of Davisco Foods, Int'l, Inc., it is the users obligation to determine the conditions of safe use of this product.