

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003  
Page 1 of 6

Wilsonart® Quartz

Revision No.: 0 (new)  
Revision Date: 09/15/14

## Section 1 IDENTIFICATION

**Product Name:** Wilsonart® Quartz  
All Grades and Thicknesses

**Manufacturer:** WILSONART LLC  
P. O. BOX 6110 – 10501 H. K. DODGEN LOOP  
TEMPLE, TX 76503  
INFORMATION PHONE: 800-433-3222 (USA)

**Trade Name:** Engineered Stone

**Materials Uses:** Decorative Surfacing

**In Case of Emergency Contact CHEMTREC:** 800-424-9300 (USA)  
703-527-3887 (INTERNATIONAL)

## Section 2 HAZARD IDENTIFICATION

### FOR PRODUCT IN SHEET FORM:

**GHS Classification:** Not Applicable. Material is classified as non-hazardous.

**GHS Signal Words with Hazard and Precautionary Statements:** Not Applicable.

**GHS Pictograms:** Not Applicable.

**Route of Entry:** None for product as sold.

**Target Organs:** None.

**Skin Contact:** Solid sheet may be abrasive to, or cut skin.

**Eye Contact:** No hazard for product as sold

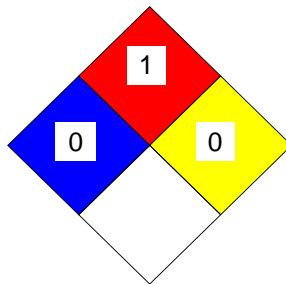
**Respiratory Contact:** No hazard for product as sold.

**Ingestion:** Not an expected route of entry.

**HMIS (United States)**

Health 0  
Flammability 1  
Reactivity 0  
PPE B

**NFPA (United States)**



**WHMIS (Canada):** Not classified as hazardous

### FOR PRODUCT DUST, CHIPS, AND FINES PRODUCED DURING FABRICATION:

#### GHS Classification:

CATEGORY	SIGNAL WORD	HAZARD STATEMENT(S)
Health	DANGER	H372: Causes damage to respiratory system through prolonged or repeated exposure by inhalation.

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003  
Page 2 of 6

Wilsonart® Quartz

Revision No.: 0 (new)  
Revision Date: 09/15/14



## GHS Signal Words with Hazard and Precautionary Statements:

### Preventions Statements

#### Prevention

P260: Do not breathe dust. (Dust may be generated during fabrication.)

P264: Wash hands and face thoroughly after handling. (Dust may be generated during fabrication.)

P270: Do not eat, drink or smoke when using this product. (Dust may be generated during fabrication.)

P284: Wear respiratory protection. (Dust may be generated during fabrication.)

**Route of Entry:** Eye contact, skin contact, and inhalation.

**Target Organs:** Lungs.

**Skin Contact:** Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

**Eye Contact:** Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

**Respiratory Contact:** Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. Repeated and prolonged inhalation of fabrication dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposure. Silicosis has been associated with prolonged exposure by inhalation of Crystalline Silica dust.

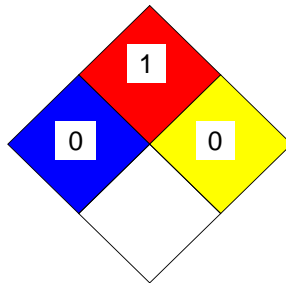
**Ingestion:** Not an expected route of entry.

### HMIS (United States)

Health 0\*  
Flammability 1  
Reactivity 0  
PPE B

\*See Sections 2, 3, 8,  
& 11 for further  
information

### NFPA (United States)



### WHMIS (Canada): D2A for fabrication dust



## Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Inorganic Mineral (may include but is not limited to Cristobalite, Glass, Quartz, Sand, Silica)	Not Available	≥ 85
Binding Resins	Not Available	5 – 15
Colorants	Not Available	0 – 5

## Section 4 FIRST-AID MEASURES

**Skin:** Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003

Wilsonart® Quartz

Revision No.: 0 (new)

Page 3 of 6

Revision Date: 09/15/14

**Eye:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.

**Respiratory:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the respiratory tract. If irritation persists, seek medical attention.

**Ingestion:** Not an expected route of entry with normal product use.

**Other:** Due to weight of product, safety shoes may be required when handling material.

## Section 5 FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Specific Hazards Arising from the Chemical:** Not Available.

**Special Protective Equipment and Precautions for Firefighters:** Use self-contained breathing apparatus and protective clothing appropriate for surrounding fire.

**Flash Point and Method:** Not Applicable.

**Flammability Classification:** Not Available.

**Risk of Explosion due to Mechanical Impact:** Not Applicable.

**Risk of Explosion due to Static Discharge:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust.

**Hazardous Products of Combustion:** Carbon Oxides (CO and CO<sub>2</sub>), and various Hydrocarbons.

**Special Remarks:** None.

## Section 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Material is non-hazardous as sold.

**Environmental Precautions:** None.

**Clean-Up Methods and Materials:** Material is non-hazardous as sold.

## Section 7 HANDLING AND STORAGE

**Handling Precautions:** No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions. Foot protection may be required due to product weight. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air). Fabrication tooling should be liquid cooled to minimize dust dispersal in air.

**Storage Precautions:** Store in a dry well-ventilated area.

## Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters and Exposures:**

**Material Name:**

**Exposure Limits:**

Particulate Not Otherwise Regulated – PNOR (Dust from fabrication):

OSHA PEL: TWA 5 mg/m<sup>3</sup> (total respirable)

TWA 15 mg/m<sup>3</sup> (total dust)

Silica, Crystalline, α-Quartz (CAS 14808-60-7) (Dust from fabrication):

OSHA PEL: TWA (10 mg/m<sup>3</sup> / % SiO<sub>2</sub> + 2) (total respirable)

TWA (30 mg/m<sup>3</sup> / % SiO<sub>2</sub> + 2) (total dust)

ACGIH TLV: TWA 0.025 mg/m<sup>3</sup> (respirable fraction)

Silica, Crystalline, Cristobalite (CAS 14464-46-1) (Dust from fabrication):

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003

Page 4 of 6

Wilsonart® Quartz

Revision No.: 0 (new)

Revision Date: 09/15/14

OSHA PEL: TWA ((10 mg/m<sup>3</sup> / % SiO<sub>2</sub> + 2) / 2) (1/2 total respirable for quartz))

ACGIH TLV: TWA 0.025 mg/m<sup>3</sup> (respirable fraction)

**Engineering Controls:** No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guidelines if fabrication operations generate dust or fines. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling the dust particulate of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

#### Individual Protection Measures and PPE:

**Eye / Face Protection:** Wear safety glasses with side shields during fabrication operations that produce chips, fines, or dust.

**Skin Protection:** Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

**Respiratory Protection:** Respirators – No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for fabrication dust (Silica or Particulate Not Otherwise Regulated – PNOR) is exceeded.

**Feet Protection:** Safety shoes may be required while handling product in slab form.

**Thermal Hazards:** None.

## Section 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid sheet, various colors, designs, and dimensions.

**Odor:** None.

**Odor Threshold:** Not Applicable.

**pH:** Not Applicable.

**Melting Point / Freezing Point:** Not Applicable.

**Initial Boiling Point and Boiling Range:** Not Applicable.

**Flash Point and Method:** Not Applicable.

**Evaporation Rate:** Not Applicable.

**Flammability:** Material is combustible.

**Lower Explosion Limit:** Not Applicable.

**Upper Explosion Limit:** Not Applicable.

**Vapor Pressure:** Not Applicable.

**Vapor Density:** Not Applicable.

**Relative Density:** ~2.35 g/cm<sup>3</sup> (~147 lb/ft<sup>3</sup>).

**Solubility(ies):** Not soluble.

**Partition Coefficient (n-Octanol in Water):** Not Applicable.

**Auto-Ignition Temperature:** Not Available.

**Decomposition Temperature:** Not Available.

**Viscosity:** Not Applicable.

## Section 10 STABILITY AND REACTIVITY

**Reactivity:** Product is non-reactive.

**Chemical Stability:** Product is stable.

**Possibility of Hazardous Reactions:** None.

**Conditions to Avoid:** None.

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003

Wilsonart® Quartz

Revision No.: 0 (new)

Page 5 of 6

Revision Date: 09/15/14

**Materials to Avoid (Incompatibility):** Hydrofluoric Acid may dissolve Inorganic Mineral component and release Silicon Tetrafluoride gas.

**Hazardous Decomposition Products:** Carbon Oxides (CO and CO<sub>2</sub>), and various Hydrocarbons.

## Section 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity to Animals:** This product has not been tested for animal effects. This product is not expected to be toxic to animals.

**Acute Toxicity to Humans:** This product has not been tested for human effects. This product is not expected to be toxic to humans.

**Chronic Toxicity to Animals:** This product has not been tested for animal effects. This product is not expected to be toxic to animals.

**Chronic Toxicity to Humans:** This product has not been tested for human effects. This product is not expected to be toxic to humans.

**Skin Corrosion / Irritation:** Not Available.

**Eye Damage / Irritation:** Not Available.

**Respiratory Sensitization:** Dust from fabrication may contain crystalline Silica. Inhalation of crystalline Silica dust may cause Silicosis.

**Skin Sensitization:** Not Available.

**Mutagenicity:** Classifiable "None" for human.

**Carcinogenicity:** Dust from fabrication may contain crystalline Silica. Crystalline Silica is classified by IARC as a Group 1 material, carcinogenic to humans. NIOSH has classified crystalline Silica as a potential occupational carcinogen when respirable. NTP has classified crystalline Silica as known to be a human carcinogen when respirable. The product as sold and installed does not emit respirable crystalline Silica.

**Reproductive Toxicity:** Classifiable "None" for human.

**STOST- Single Exposure:** Not Available.

**STOST – Repeated Exposure:** Not Available.

**Aspiration Hazard:** Not Applicable.

## Section 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available. Not expected to be ecotoxic.

**Persistence and Degradability:** Not Available.

**Bioaccumulative Potential:** Not Available.

**Mobility in Soil:** Not Available.

**Other Adverse Effects:** Not Available.

## Section 13 DISPOSAL CONSIDERATIONS

**Disposal Methods:** Not classified as hazardous waste. Dispose of in accordance with Federal, State, and local regulations.

## Section 14 TRANSPORT INFORMATION

**UN Number:** Not Available.

**UN Proper Shipping Name:** Not Available.

**Transport Hazard Class:** Not Applicable.

**Packing Group:** Not Applicable.

**DOT Classification:** Not Applicable.

**Special Provision for Transport:** Not Applicable.

# SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 30003

Wilsonart® Quartz

Revision No.: 0 (new)

Page 6 of 6

Revision Date: 09/15/14

**ADR / RID Classification:** Not Applicable.  
**ICAO/IATA Classification:** Not Applicable.  
**IMO/IMDG Classification:** Not Applicable.  
**Marine Pollutant:** Not expected to be a marine pollutant.

## Section 15 REGULATORY INFORMATION

### U.S. Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
none						

All quantities in pounds.

### State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Silica, Crystalline (CAS 14808-60-7 & 14464-46-1) From fabrication operations only	X*	X	X	X	X	X

**\*WARNING:** This product contains a chemical known to the State of California to cause cancer. Caused by fabrication operations only.

### International Regulations

**DSL (Canada):** None.  
**EINECS:** None.  
**WHMIS:** Not classified as hazardous.

## Section 16 OTHER INFORMATION

**Changes to This Revision:** New.

**Prepared By:** Environmental, Health, and Safety Department, Wilsonart LLC.

**Telephone:** 254-207-7000

**Internet:** www.wilsonart.com

### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

END OF SDS DOCUMENT