

# SILESTONE<sup>®</sup> WITH MICROBAN<sup>®</sup>

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PRODUCTS / THE COMPANY

PRODUCT IDENTIFICATION: Agglomerate stone slabs, tiles and fabricated items	Revised: March 21 2006
MANUFACTURER'S NAME: Cosentino, S.A.	SUPPLIER'S NAME:
MANUFACTURER'S ADDRESS Apartado de correos 1	SUPPLIER'S ADDRESS
CITY, STATE, COUNTRY, ZIP CODE 04867 Macael, (Almeria) Spain	CITY, STATE, COUNTRY, ZIP CODE
EMERGENCY TELEPHONE NUMBER 011-34-950-444-175	EMERGENCY TELEPHONE NUMBER

### 2. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical: Quartz embedded in 6% polyester resin with Microban additive

### 3. HAZARD IDENTIFICATION

#### Detailed Hazards:

Machining the material, sawing, drilling, routing and polishing may generate dust. Dust contains particles of crystalline silica. The prolonged inhalation of airborne silica may cause the respiratory disease silicosis. The risk of lung disease increases if smoking is combined with silica inhalation.

Always use a respirator or particular mask NIOSH approved N95, when cutting or abrading this material, and always use water as lubricant, if symptoms develop, seek medical assistance immediately

### 4. FIRST AID PROCEDURES

SKIN CONTACT. No known effect
EYE CONTACT. Use standard eye washing method to flush particles from the eyes. Always use eye protection with side shields when cutting or abrading this material.
INHALATION Machining the material, sawing, drilling and polishing may generate dust. If large amounts of dust are inhaled, seek medical advice if cough, shortness of breath or other respiratory problems occur.

### 5. FIRE AND EXPLOSION DATA:

IS THE PRODUCT FLAMMABLE? No	IF YES, UNDER WHAT CONDITIONS Not applicable		
METHOD OF EXTINGUISHING? Not applicable			
FLAME POINT (°C) Not applicable	METHOD N/A	UPPERFLAMMABILITY LIMIT ( % by vol ) N/A	LOWER ( % by vol ) N/A
HAZARDOUS COMBUSTION BY PRODUCTS Not applicable		AUTO-IGNITION TEMPERATURE (°C) Not applicable	
EXPLOSION UPON IMPACT SENSITIVITY?		STATIC DISCHARGE EXPLOSION	

No	No
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6. ACCIDENTALRELEASE MEASURES:

Personal precautions: NONE  
 Environmental precautions: NONE  
 Methods for cleaning up: NONE  
 LEAK & SPILL RESPONSE PROCEDURES: NONE

7. HANDLING AND STORAGE

HANDLING EQUIPMENT & PROCEDURES. Observe local handling procedures. Handle with care
ENGINEERING CONTROLS: ASTM E-1132-86 "Standard practice for Health Requirements Relating to Occupational Exposure to Dust"
STORAGE REQUIREMENTS. No special requirements
SPECIAL SHIPPING REQUIREMENT. Package and palletize tiles with appropriate banding material. Palletize slabs on A-frame with appropriate banding material

8. EXPOSURE CONTROL / PERSONAL PROTECTION

GLOVES	RESPIRATOR. Use respirator or particular mask when cutting or abrading material (NIOSH-N95)	EYE PROTECTION. Use eye protection with side shields when cutting or abrading material
FOOTWEAR. Use steel toed footwear when handling slabs or tile bundles	CLOTHING	OTHER. Additional information is available in ASTM E-1132-86

Exposure controls:

National occupational exposure limits:

HAZARDOUS INGREDIENTS	% BY WT.	% BY VOL.	CAS#	OTHER LIMITS
Quartz (Respirable)	Mppfc 250	10 mg / m <sup>3</sup>	14808-60-7	
Quartz (Total Dust)	---	30 mg / m <sup>3</sup>		

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL DATA

PHYSICAL STATE Solid	COLOR Varied	APPEARANCE Monocolors, varied, Granite or Marble	ODOR Odorless
VAPOR PRESSURE Not applicable	VAPOR DENSITY Not applicable	EVAPORATION RATE Not applicable	ROTTING POINT Not applicable
FREEZING POINT Not applicable	MISCIBILITY Not applicable	SPECIFIC GRAVITY Not applicable	OTHER DATA Not applicable

CHEMICAL DATA:

IS THIS PRODUCT CHEMICALLY STABLE? CONDITIONS? Yes	IF NOT UNDER WHAT Not applicable
IMCOMPATIBILITY WITH OTHER SUBSTANCES Yes, bleaching of coloration (i.e. sodium, potassium) spills should be removed immediately	IF YES, WHAT ARE THESE SUBSTANCES Hydroxides
REACTIVITY WITH OTHER SUBSTANCES THESE SUBSTANCES Yes, degradation of material spills should be removed immediately	IF YES, WHAT ARE hydrofluoric acid
HAZARDOUS DECOMPOSITION PRODUCTS None	

10. STABILITY AND REACTIVITY

IS THE PRODUCT FLAMMABLE? No	IF YES, UNDER WHAT CONDITIONS Not applicable		
METHOD OF EXTINGUISHING? Not applicable			
FLAME POINT (°C) FLAMMABILITY LIMIT Not applicable	METHOD N/A	UPPERFLAMMABILITY LIMIT ( % by vol ) N/A	LOWER ( % by vol ) N/A
HAZARDOUS COMBUSTION BY PRODUCTS Not applicable		AUTO-IGNITION TEMPERATURE (°C) Not applicable	
EXPLOSION UPON IMPACT SENSITIVITY SENSITIVITY? No		STATIC DISCHARGE EXPLOSION No	

11. TOXICOLOGICAL INFORMATION:

ENTRY THROUGH SKIN CONTACT? No	ENTRY THROUGH EYE CONTACT? No	ENTRY THROUGH SKIN ABSORPTION? No	ENTRY THROUGH INHALATION? Yes, (see section 7 & 8 )
PRODUCT ACUTE EXPOSURE EFFECTS? No	PRODUCT CHRONIC EXPOSURE EFFECTS? Yes, (See section 7&8)	EXPOSURE LIMIT See section 7&8	PRODUCT IRRITANCE See section 7&8
PRODUCT SENSITIZATION? No	PRODUCT CARCINOGENECITY Probable See section 7	PRODUCT TERATOGENECITY? No	PRODUCT MUTOGENECITY? No
PRODUCT REPRODUCTIVE	SYNERGISTIC BY PRODUCTS?	OTHER DATA	

TOXICITY? No	None		
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12. ECOLOGICAL INFORMATION:

Ecotoxicity effects: No information available

The product is insoluble and sinks in water

13. DISPOSAL CONSIDERACION

WASTE DISPOSAL PROCEDURES. Observe local regulations for disposal

14. TRANSPORT INFORMATION

Not classified as dangerous in the mining of transport regulations.

15. REGULATORY INFORMATION

As an article the product does not need to be labeled in accordance with EC directives or respective national laws

16. OTHER INFORMATION:

Recommended uses: miscellaneous

Do not use in medical applications involving permanent implantations in the human body.