

# PENTALTEK

IDENTITY ( <i>As Used on Label and List</i> ) NUOVOCORSO S.P.A.	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.
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## Section I

Manufacturer's Name NUOVOCORSO S.P.A.	Emergency Telephone Number 0039 059 9752311
Address ( <i>Number, Street, City, State, and ZIP Code</i> )	Telephone Number for Information 0039 059 9752311
VIA MULINI VALLE  TRESINARO 11, 42033  CARPINETI (RE) ITALY	Date Prepared 27.10.2017
	Signature of Preparer ( <i>optional</i> )

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% ( <i>optional</i> )
1 Crystalline Silica (Quartz)	10%/SiO <sub>2</sub>	0.05		< 0.5
2 Amorphous Silica (fused)	80%/SiO <sub>2</sub>	0.1		62-71

## Section III - Physical/Chemical Characteristics

Boiling Point	Not applicable	Specific Gravity (H <sub>2</sub> O = 1)	2.00 ÷ 2.50
Vapor Pressure (mm Hg)	Not applicable	Melting Point	> 2000 °F
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water Insoluble			
Appearance and Odor Brittle solid; color may vary and Odorless			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not applicable	Flammable Limits	LEL Not applicable	UEL Not applicable
Extinguishing Media None required. Non-flammable			
Special Fire Fighting Procedures			
None required.			
Unusual Fire and Explosion Hazards			
None required.			

(Reproduce locally)

OSHA 174, Sept. 1985

### Section V - Reactivity Data

Stability	Unstable	Not applicable	Conditions to Avoid
	Stable	Stable in current form	Avoid contact with acids (hydrofluoric, etc.)
Incompatibility ( <i>Materials to Avoid</i> )			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur	Not applicable	Conditions to Avoid
	Will Not Occur	Will not occur	Not applicable

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>Yes</b>	Skin? <b>Yes</b>	Ingestion? <b>Yes</b>
Health Hazards ( <i>Acute and Chronic</i> )			
Acute - Excessive exposure to tile dust can cause eye, skin, and lung irritation from mechanical abrasion. Ingestion is not applicable for intact tile.			
Chronic - Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort and mechanical irritation. Long term exposure to silica dusts can lead to silicosis			
Carcinogenicity - Respirable crystalline silica (quartz) is classified by International Agency for Research on Cancer (IARC) as a human carcinogen. Intact tile is not believed to be hazardous and limited potential of exposure exists for crystalline silica (quartz) during installation, disposal, and/or if damaged. Crystalline silica is described in ACGIH and NIOSH as being identified in other sources as a suspected human carcinogen; however, fused silica is reported only by ACGIH as a suspected human carcinogen.			

Carcinogenicity:	NTP? <b>Yes</b>	IARC Monographs? <b>Yes</b>	OSHA Regulated? <b>Yes</b>
Signs and Symptoms of Exposure			
Excessive exposure to tile dust can cause eye, skin, and lung irritation from mechanical abrasion. Long term exposure to silca dusts can lead to silicosis.			
Medical Conditions Generally Aggravated by Exposure			
Existing lung disease may be aggravated after exposure to tile dusts.			
Emergency and First Aid Procedures			
<p>Skin: Wash dust off any affected area with soap and water.  Inhalation: Remove the victim to fresh air if exposed to large amounts of tile cutting dust. Administer artificial respiration if breathing has stopped. Keep victim at rest. Call for prompt medical attention.  Ingestion: Not applicable for intact tiles.</p> <p style="text-align: center;">* Have emergency eyewash station available in area where tiles are cut.</p>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	
Employ closed system and/or local exhaust ventilation. Use wet methods if needed to reduce generation of dust. Use respiratory protection in the absence of engineering controls.	
Waste Disposal Method	
Waste should be disposed of in a landfill certified to accept such materials in accordance with federal, state, and local regulations.	
Precautions to Be taken in Handling and Storing	
Shelf life is unlimited. Do not store near acids. If tiles contact some acids, there is limited potential for leaching heavy metals	
Other Precautions	
Broken tile could be sharp; therefore, appropriate gloves should be worn if working with broken product.	

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )		
Use of a properly fitted NIOSH/MSHA approved particulate respirator is recommended when cutting tiles.		
Ventilation	Use adequate ventilation to keep exposure to dust below recommended exposure levels. Avoid inhaling dust. The highest probability of silica exposure occurs during dry cutting. Wet cutting methods are recommended.	Special

	Mechanical ( <i>General</i> )	Other
	<b>Protective Gloves</b> Cotton or leather work gloves should be worn when cutting this product to minimize skin exposure.	<b>Eye Protection</b> Use dust-proof goggles or safety glasses with side shields. Contact lenses may absorb irritants. Do not wear contact lenses in work areas.
<b>Other Protective Clothing or Equipment</b> Note: Personal protection information listed above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought		
<b>Work/Hygienic Practices</b> Wash hands prior to eating drinking, or smoking, and at the end of the work shift, after cutting operations are conducted.		