



1/10/2001 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)

IDENTITY ( <i>As Used on Label and List</i> ) ARDEX A-300 OUTDOOR CONCRETE TOPPING	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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<b>Section I</b>	
Manufacturer's Name ARDEX ENGINEERED CEMENTS	Emergency Telephone Number (800) 255-3924
Address ( <i>Number, Street, City, State and Zip Code</i> )  400 Ardex Park Drive Aliquippa, PA 15001 U.S.A.	Telephone Number for Information (724) 203-5000  Date Prepared 10/01/2004  Signature of Preparer ( <i>Optional</i> )

<b>Section II – Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specific Chemical Identity: Common Name(s))	Recommended	OSHA PEL	Other Limits
		% ( <i>optional</i> )	ACGIH TLV
50% Max Quartz 14808-60-7	.05mg/m <sup>3</sup>		.1mg/m <sup>3</sup>
40% Max Portland Cement 65997-15-1	10 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>
45% Calcium Carbonate 1317-65-3	N/A		30mppcf
20% Max Vinyl Acetate Copolymer 24937-78-8	10mg/m <sup>3</sup>		10 mg/m <sup>3</sup>

<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.2
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Less than 50g/1000cm <sup>3</sup>		
Appearance and Odor	Fine Gray Powder - Odorless		

<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used)	Flammable Limits	LEL	UEL
Non-Flammable	Non-Flammable	N/A	N/A
Extinguishing Media	Will not burn.		
Special Fire Fighting Procedures	None		
Unusual Fire and Explosion Hazards	None required with this product.		

**Section V – Reactivity Data**

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid	N/A
	Stable	<input checked="" type="checkbox"/>	NONE	
Incompatibility ( <i>Materials to Avoid</i> )				
NONE				
Hazardous Decomposition or Byproducts				
NONE				
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid	
	Will Not Occur	<input checked="" type="checkbox"/>	NONE	

**Section VI – Health Hazard Data**

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	YES	N/A	Do not ingest.
Health Hazards ( <i>Acute and Chronic</i> )			
Excessive or long-term inhalation may cause Pneumoconiosis (Silicosis) May cause irritation to nose, throat and respiratory passages.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	Yes	Yes	n/a
Signs and Symptoms of Exposure: Exposure to skin or eyes may cause rash or irritation. Inhalation may cause cough, shortness of breath, wheezing and reduced pulmonary function.			
Medical Conditions Generally Aggravated by Exposure Allergies to Portland cement or individuals with respiratory disease or subject to eye irritation.			
Emergency First Aid Procedures: Seek medical attention. Inhalation may result in respiratory irritation – Remove to fresh air. Skin: Wash with soap and water. Eyes: Flush with water. Ingestion: Dilute with water.			

**Section VII – Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Collect using dustless method (HEPA) vacuum or wet method.) Where appropriate-protective equipment. Collect for disposal.
Waste Disposal Method Dispose of in accordance with all applicable local, state/provincial and federal regulations.
Precautions to Be Taken in Handling and Storing None. Store in a cool, dry area. Use normal precautions against bag breakage. Use good housekeeping to prevent dust accumulation.
Other Precautions Do not breathe dust.

**Section VIII – Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) Yes. Suitable NIOSH approved respiratory protection for respirable silica.		
Ventilation	Local Exhaust As Required	Special N/A
	Mechanical ( <i>General</i> ) N/A	Other N/A
Protective Gloves Recommended	Eye Protection recommended	
Other Protective Clothing or Equipment As appropriate for work environment.		
Work/Hygienic Practices Dusty clothing should be laundered before use. When finished shower with soap and water to remove dust.		