



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 (As Used on Label and List) ARDEX CD	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 ARDEX ENGINEERED CEMENTS	Emergency Telephone Number (800) 255-3924
Address (Number, Street, City, State and Zip Code) 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 (Optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
50% MAX QUARTZ 14808-60-7	.05 mg/m³	.1mg/m³		
40% MAX PORTLAND CEMENT 65997-15-1	10 mg/m³	10 mg/m³		
45% CALCIUM CARBONATE 1317065-3	N/A		30mppcf	
20% MAX VINYL ACETATE COPOLYMER 24937-78-8	10 mg/m³	10 mg/m³		

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ 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/1000 cm³

Appearance and Odor
Fine Gray Powder - Odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) NON-FLAMMABLE	Flammable Limits NON-FLAMMABLE	LEL N/A	UEL N/A
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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"/>	
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"/>	

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 GENERALLY AGGRAVATED BY EXPOSURE.			
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 reuse. When finished shower with soap & water to remove dust.		