



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 S16	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 <i>(Number, Street, City, State and Zip Code)</i> 400 Ardex Park Drive Aliquippa, PA 15001 U.S.A.	Telephone Number for Information (724) 857-6400
	Date Prepared 1/30/04
	Signature of Preparer <i>(Optional)</i>

Section II – Hazardous Ingredients/Identity Information

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

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 CM ³		
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
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
	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? YES	Skin? N/A	Ingestion? DO NOT INGEST.
Health Hazards (<i>Acute and Chronic</i>) EXCESSIVE OR LONG-TERM INHALATION MAY CAUSE PNEUMOCONIOSIS (SILICOSIS).			
Carcinogenicity:	NTP? YES	IARC Monographs? YES	OSHA Regulated? N/A
Signs and Symptoms of Exposure EXPOSURE TO SKIN OR EYES MAY CAUSE RASH OR IRRITATION.			
Medical Conditions Generally Aggravated by Exposure ALLERGIES TO PORTLAND CEMENT OR INDIVIDUALS WITH RESPIRATORY DISEASE OR SUBJECT TO EYE IRRITATION.			
Emergency First Aid Procedures: GROSS INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS OR IS DIFFICULT, SEEK MEDICAL ATTENTION. SKIN: NO FIRST AID IS REQUIRED. WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER, SEEK MEDICAL ATTENTION.			

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 AND WATER TO REMOVE DUST.		