



5/23/2005 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 K 15	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) 857-6400
	Date Prepared 5/23/2005
	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)
40% MAX QUARTZ	4808-60-7	.05 MG/M ³	.1 MG/M ³	
40% MAX PORTLAND CEMENT	65997-15-1	10 MG/M ³	10 MG/M ³	
45% MAX LIMESTONE	1317-65-3	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 50 G/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			

Section V – Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	NONE

Incompatibility (*Materials to Avoid*)

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	YES	YES

Health Hazards (*Acute and Chronic*)

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

SPILLS SHOULD BE CONTAINED, SOLIDIFIED AND PLACED IN SUITABLE CONTAINERS 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 MeasuresRespiratory Protection (*Specify Type*)

WEAR A NIOSH/MSHA APPROVED RESPIRATOR. REFER TO THE MOST RECENT STANDARDS OF ANSI (Z88.2), OSHA (29 CFR 1910.134), MSHA (30 CFR PARTS 56 AND 57) AND NIOSH RESPIRATOR DECISION LOGIC.

Ventilation	Local Exhaust	Special
	TO CONTROL TO RECOMMENDED P.E.L.	N/A
	Mechanical (<i>General</i>)	Other
	N/A	N/A

Protective Gloves	Eye Protection
RECOMMENDED	RECOMMENDED

Other Protective Clothing or Equipment

AS APPROPRIATE FOR WORK ENVIRONMENT. COVERALLS, APRON AND BOOTS TO PREVENT CONTACT.

Work/Hygienic Practices

DUSTY CLOTHING SHOULD BE LAUNDERED BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP AND WATER TO REMOVE DUST.