



U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)

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.

IDENTITY (As Used on Label and List) ARDEX K 301™ EXTERIOR SELF-LEVELING 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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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 08-21-2008
	Signature of Preparer (Optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	Other Limits		
	OSHA PEL	ACGIH TLV	%
60% Max Quartz 14808-60-7	.05mg/m ³	.025mg/m ³	
30% Max Portland Cement 65997-15-1	10 mg/m ³	10 mg/m ³	

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O = 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 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	N/A
	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	N/A	Do not ingest.

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

This product contains a chemical known to the State of California to cause cancer.

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 (*Specify Type*)

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
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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.