



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 P-82 ULTRA PRIME – PART A

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.

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/Identify Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
60% MAX ACRYLATE POLYMER DISPERSION 25586-20-3	10 PPM	10 PPM		
20% MAX CALCIUM CARBONATE 1317-65-3	N/A	30 MPPCF		
20% MAX RESIN 25068-38-6	N/A	N/A		

Section III – Physical/Chemical Characteristics

Boiling Point	212°	Specific Gravity (H ₂ O = 1)	1.03
Vapor Pressure (mm Hg)	23mb	Melting Point	N.M.
Vapor Density (AIR = 1)	N.M.	Evaporation Rate (Butyl Acetate = 1)	N.M.
Solubility in Water	(N.M. = Not Measured)		
Appearance and Odor	DISPERSIBLE		
	PINK LIQUID – SLIGHT ODOR		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) GREATER THAN 100° C	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media USE WATER FOG, FOAM, CO₂, OR DRY CHEMICAL EXTINGUISHING MEDIA			
Special Fire Fighting Procedures FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.			
Unusual Fire and Explosion Hazards EMITS TOXIC FUMES UNDER FIRE CONDITIONS			

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 THERMAL DECOMPOSITION MAY GENERATE CO AND CO ₂			
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) NO ACUTE OR CHRONIC HEALTH HAZARDS.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A
THIS MATERIAL IS NOT HAZARDOUS ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.			
Signs and Symptoms of Exposure: CONTACT WITH EYES OR SKIN MAY RESULT IN IRRITATION. INGESTION MAY CAUSE GASTRIC UPSET, DIARRHEA OR LETHARGY			
Medical Conditions Generally Aggravated by Exposure SKIN: NO FIRST AID IS REQUIRED. WASH WITH SOAP AND WATER. EYE: FLUSH WITH WATER SEEK MEDICAL ATTENTION			
Emergency First Aid Procedures INHALATION: REMOVE TO FRESH AIR.			

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 PROTECT FROM FREEZING.	
Other Precautions NONE	

Section VIII – Control Measures

Respiratory Protection (Specify Type) WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR/MIST RESPIRATOR.		
Ventilation	Local Exhaust	Special
	TO CONTROL TO RECOMMENDED P.E.L.	NONE
	Mechanical (General)	Other
	N/A	NONE
Protective Gloves RECOMMENDED	Eye Protection RECOMMENDED	
Other Protective Clothing or Equipment : Coveralls, apron and Boots to prevent contact.		
Work/Hygienic Practices LAUNDER CLOTHES BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP & WATER.		



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 P-82 ULTRA PRIME – PART B

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.

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 10/01/04
	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)
90% MAX ACRYLATE POLYMER DISPERSION 25586-20-3	10 PPM	10 PPM		
10% EPOXY RESIN HARDENER 112-24-3	N/A	N/A		

Section III – Physical/Chemical Characteristics

Boiling Point	212°	Specific Gravity (H ₂ O = 1)	1.03
Vapor Pressure (mm Hg)	23mb	Melting Point	N/A
Vapor Density (AIR = 1)	N.M.	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	(N.M. = Not Measured)		

Appearance and Odor

INSOLUBLE

WHITE LIQUID – AMMONIACLE ODOR

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) GREATER THAN 300° C	Flammable Limits N.M.	LEL N.M.	UEL N.M.
--	--------------------------	-------------	-------------

Extinguishing Media

USE WATER FOG, FOAM, CO₂, OR DRY CHEMICAL EXTINGUISHING MEDIA

Special Fire Fighting Procedures

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards

EMITS TOXIC FUMES UNDER FIRE CONDITIONS

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			
THERMAL DECOMPOSITION MAY GENERATE CO AND CO ₂ , NOX, HYDROCARBONS			
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 (<i>Acute and Chronic</i>)			
NO ACUTE OR CHRONIC HEALTH HAZARDS.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A
Signs and Symptoms of Exposure: CONTACT WITH EYES OR SKIN MAY RESULT IN IRRITATION. INGESTION MAY CAUSE GASTRIC UPSET, DIARRHEA OR LETHARGY			
Medical Conditions Generally Aggravated by Exposure:			
NONE KNOWN			
Emergency First Aid Procedures: INHALATION MAY RESULT IN RESPIRATORY IRRITATION, REMOVE TO FRESH AIR. SKIN: WASH WITH SOAP & WATER, EYES- FLUSH WITH WATER. INGEST – DILUTE WITH WATER. SEEK MEDICAL ATTENTION IF NECESSARY.			

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	
PROTECT FROM FREEZING.	
Other Precautions	
NONE	

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>)		
WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR/MIST RESPIRATOR.		
Ventilation	Local Exhaust	Special
	TO CONTROL TO RECOMMENDED P.E.L.	NONE
	Mechanical (<i>General</i>)	Other
	N/A	NONE
Protective Gloves	Eye Protection	
RECOMMENDED	RECOMMENDED	
Other Protective Clothing or Equipment: Coveralls, apron and Boots to prevent contact.		
Work/Hygienic Practices		
LAUNDER CLOTHES BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP & WATER.		