



# 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 SD-P

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)

Telephone Number for Information  
(724) 857-6400

400 Ardex Park Drive  
Aliquippa, PA 15001  
U.S.A.

Date Prepared  
1/8/2001

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                                         | .05MG/M <sup>3</sup> | .1MG/M <sup>3</sup>  |                          |              |
| 40% MAX PORTLAND CEMENT 65997-15-1                                | 10 MG/M <sup>3</sup> | 10 MG/M <sup>3</sup> |                          |              |
| 45% CALCIUM CARBONATE 1317065-3                                   | N/A                  | 30MPPCF              |                          |              |
| 20% MAX VINYL ACETATE COPOLYMER 24937-78-8                        | 10 MG/M <sup>3</sup> | 10 MG/M <sup>3</sup> |                          |              |

## Section III – Physical/Chemical Characteristics

|                         |     |                                         |     |
|-------------------------|-----|-----------------------------------------|-----|
| Boiling Point           | N/A | Specific Gravity (H <sub>2</sub> 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<sup>3</sup>

Appearance and Odor  
Fine Gray Powder - Odorless

## Section IV – Fire and Explosion Hazard Data

|                                            |                                   |            |            |
|--------------------------------------------|-----------------------------------|------------|------------|
| Flash Point (Method Used)<br>NON-FLAMMABLE | Flammable Limits<br>NON-FLAMMABLE | LEL<br>N/A | UEL<br>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 ( <i>Materials to Avoid</i> )<br>NONE |                |                                     |                         |
| Hazardous Decomposition or Byproducts<br>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?<br>YES | Skin?<br>N/A            | Ingestion?<br>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?<br>YES        | IARC Monographs?<br>YES | OSHA Regulated?<br>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: 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. INGESTION – NO ADVERSE EFFECTS, 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<br>DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.                                                               |
| Precautions to Be Taken in Handling and Storing<br>NONE. STORE IN A COOL, DRY AREA. USE NORMAL PRECAUTIONS AGAINST BAG BREAKAGE. USE GOOD HOUSEKEEPING TO PREVENT DUST ACCUMULATION. |
| Other Precautions<br>DO NOT BREATHE DUST.                                                                                                                                            |

**Section VIII – Control Measures**

|                                                                                                                                      |                                      |                |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------|
| Respiratory Protection ( <i>Specify Type</i> )<br>YES. SUITABLE NIOSH APPROVED RESPIRATORY PROTECTION FOR RESPIRABLE SILICA.         |                                      |                |
| Ventilation                                                                                                                          | Local Exhaust<br>AS REQUIRED         | Special<br>N/A |
|                                                                                                                                      | Mechanical ( <i>General</i> )<br>N/A | Other<br>N/A   |
| Protective Gloves<br>RECOMMENDED                                                                                                     | Eye Protection<br>RECOMMENDED        |                |
| Other Protective Clothing or Equipment<br>AS APPROPRIATE FOR WORK ENVIRONMENT.                                                       |                                      |                |
| Work/Hygienic Practices<br>DUSTY CLOTHING SHOULD BE LAUNDERED BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP AND WATER TO REMOVE DUST. |                                      |                |