



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 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 <i>(Number, Street, City, State and Zip Code)</i> 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 <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> |
|--|----------|-----------|--------------------------|---------------------|
| 60% MAX ACRYLATE POLYMER DISPERSION 25586-20-3 | 10 PPM | 10PPM | | |
| 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, CO ₂ , 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 (<i>Materials to Avoid</i>) | | | |
| 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 (<i>Acute and Chronic</i>) | | | |
| 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 (<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 | | |
| LAUNDRY CLOTHES BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP & WATER. | | |



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| | |
|---|---|
| IDENTITY <i>(As Used on Label and List)</i> 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 <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 10/01/04 |
| | 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> |
|--|---------------|---------------|--------------------------|---------------------|
| 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 TO CONTROL TO RECOMMENDED P.E.L. | Special NONE |
| | Mechanical (<i>General</i>) N/A | Other NONE |
| Protective Gloves RECOMMENDED | Eye Protection RECOMMENDED | |
| Other Protective Clothing or Equipment : Coveralls, apron and Boots to prevent contact. | | |
| Work/Hygienic Practices LAUNDRY CLOTHES BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP & WATER. | | |