

MATERIAL SAFETY DATA SHEET

Section 1: Manufacturer/Supplier Information

Manufacturer:
The ARK Enterprises, Inc.
PO Box 725
Peculiar, MO 64078
816-779-5741

Section 2: Physical/Chemical Characteristics

Boiling Point - Not Applicable
Bulk Density (Apparent - g/cc) - 0.5-0.7
Vapor Pressure (mm Hg.) - Not Applicable
Melting point - Not Applicable
Vapor Density (AIR = 1) - Not Applicable
Evaporation Rate (Butyl Acetate = 1) - Not Applicable

Section 3: Hazardous Ingredients/Identity Information

Hazardous Components: OSHA PEL ACGIH TLV
Other Components:
Recommended Exposure Limit (dust) 0.05mg/m3
Guideline for Respirable Particulate

Product Identification

| Chemical Name | CAS No. | % |
|--|------------------|--------------|
| Sodium Polyacrylate, lightly crosslinked | CAS#-076774-25-9 | |
| Water | CAS#-7732-18-5 | |
| Acrylic Acid | N/A | CAS#-79-10-7 |

NFPA/HMIS: Health-1 Reactivity-0 Fire-1 Specific Hazard-See 4
DOT Class: Not Regulated

Section 4: Fire & Explosion Hazard Data

Flash Point (Method Used): Not available
Flammable Limits: Not available LEL UEL
Extinguishing Media: As with any fire, wear positive pressure, self-contained breathing apparatus in any closed space when fighting fire.
Special Fire Fighting Procedures: Not applicable
Unusual Fire and Explosion Hazards: Becomes slippery when wet. Under certain confined conditions, a fine dust of this material in air may cause a dust explosion if ignited.

Section 5: Reactivity Data

Stability: Stable
Incompatibility: Strong Oxidizers
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known
Hazardous Decomposition or Byproducts:
Thermal decomposition releases CO, CO₂, Hydrocarbons

Quik Solid®

Section 6: Health Hazard Data (applies to unused product)

Route (s) of Entry: Inhalation, ingestion, open wounds, eyes.
Health Hazards: Contact with eyes, skin or clothing may cause irritation. Care must be taken to minimize exposure and prevent workplace inhalation of respirable dust. Respiratory protection is required for exposures above the recommended level of respirable dust. A similar product, ground very finely, produced an inflammatory tissue response in the lungs in a lifetime exposure inhalation experiment with animals. According to the EPA "Hazard Categories" under sections 311 and 312 of SARA Title III, this product is considered to meet the applicable definitions of: A delayed health hazard.
Carcinogenicity: None known
IARC Monographs: No
OSHA Regulated: No
Signs/Symptoms of Exposure: Slight irritant effects
Medical Conditions Aggravated by Exposure: None known.
Emergency and First Aid Procedures:
Eyes: Flush with large quantity of water, consult physician.
Skin: Wash with soap and water.
Inhalation: Remove to fresh air, consult physician.

Section 7: Control Measures

Respiratory Protection: Use NIOSH or MSHA with high efficiency filter for particulate levels above 0.05mg/m³.
Ventilation: Local Exhaust – as appropriate
Mechanical (General) - as appropriate
Special/Other – none
Protective Gloves: Impervious/rubber
Eye Protection: Safety goggles as recommended
Other Protective Clothing or Equipment: If needed.
Work Hygienic Practices: Use good housekeeping practices.

Section 8: Precautions for Safe Handling & Use

Steps to be taken in case material is released or spilled: Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Avoid breathing dust. Wear an approved respirator. Exercise caution when adding water, product will become slippery when wet.
Waste Disposal Method: Dispose of in accordance with federal, state and local regulations.
Precautions to be taken in handling & storing: Store in a cool, dry place. Avoid breathing powder. Avoid skin and eye contact.
Other Precautions: Protective eye wear should be worn where dust levels are high enough to cause irritation. Slippery when wet.

Section 9: Prepared 10/1/98

Section 10: Supplemental Information

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