

# IDENTITY: Polyacrylamide Crystals

## Section I – Manufacturer Information

Western Polyacrylamide, Inc.  
PO Box 790  
Castle Rock, CO 80104

Telephone Number for Information  
(303) 688-3814  
Date Prepared: January 3, 1988

**EMERGENCY NUMBER: (800) 424-9300 (Chemtrec)**

## Section II – Hazard Ingredients/Identity Information

## Section III – Physical/Chemical Characteristics

Boiling Point:  
Vapor Pressure:  
Vapor Density: 0.8 g/cc

Specific Gravity:  
Melting Point:  
Evaporation Rate:

Solubility in Water:  
Appearance and Odor:

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): N/A  
LEL: N/A  
UEL: N/A

Extinguishing Media: Carbon dioxide, dry chemical, foam

Special Fire Fighting Procedures:  
Unusual Fire and Explosion Hazards: Very low risk

## Section V – Reactivity Data

Stable or Unstable? This product is stable and will not react violently with water.

Incompatibility (Materials to Avoid): Strong oxidants  
Hazardous Decomposition or Byproducts:  
Hazardous Polymerization May Occur or Will Not Occur? Will Not Occur  
Conditions to Avoid:

## Section VI – Health Hazard Data

Routes of Entry

Inhalation: Yes

Skin:

Ingestion: Yes

Carcinogenicity: None

Health Hazards:

Signs and Symptoms of Exposure: Not applicable

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Eye Contact: If splashed into the eyes, flush with clear water to remove product.

Ingestion: If ingested, give emetic and seek medical advice.

## Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Spills of dry product present a slip hazard when wet and should be cleaned up immediately. Do not wet spills of dry product. Sweep up dry and flush spill area with water. Spills of dilute solutions may be flushed with copious amounts of water, or alternatively, they may be absorbed with an inert material such as earth or speedi-dry and contained or disposal. The product or its solutions should not be allowed to enter waterways without treatment.

Waste Disposal Method: Product should be disposed of in accordance with applicable federal, state, and local regulations.

Precautions to be Taken in Handling and Storing: Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air in which case ignition sources should be avoided. Product may create a slip hazard when mixed with water. Spills should be dealt with immediately.

Other Precautions:

## Section VIII – Control Measures

Respiratory Protection: Normally not needed, use dust mask if needed to prevent inhalation or airborne particles.

Ventilation – Provide adequate ventilation to minimize dust inhalation.

Local Exhaust:

Mechanical:

Special:

Other:

Protective Gloves: Use if needed to avoid prolonged or repeated skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur..

Other Protective Clothing or Equipment:

Work/Hygienic Practices: Minimize breathing dust. Avoid prolonged or repeated breathing of dust and contact with skin. Remove contaminated clothing: launder or dry-clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals and at the end of work period. Product is readily removed from skin by washing thoroughly with soap and water.

#### Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.