

# MATERIAL SAFETY DATA SHEET

OSHA Standard 29 CFR 1910.1200

NE = not established  
NA = not applicable

**PRODUCT IDENTITY:** Sodium Polyacrylate Superabsorbent Polymer

## SECTION I

<b>EDUCATIONAL INNOVATIONS, INC.</b> 362 Main Avenue Norwalk, CT 06851-1510 (203) 229-0730	<i>U.S. Contact:</i> Educational Innovations, Inc.
	<i>Emergency Telephone:</i> (203) 229-0730
	<i>Date Prepared:</i> June 17, 1998

## SECTION II - Hazardous Ingredients/Identity Information

<i>Chemical Identity/common Name(s)</i>	<i>OSHA PEL</i>	<i>OSHA STEL</i>	<i>ACGIH TLV</i>
Poly (sodium acrylate) homopolymer or sodium salt of polyacrylic acid CAS # 9033-79-8	NE	NE	NE
<i>Other Limits Recommended:</i>	0.05 mg/m <sup>3</sup> recommended exposure limit (small, less 10 microns respirable polyacrylate). See section VI		
	SARA Section 313 Reportable Toxic Chemicals - None		

## SECTION III - Physical Data

<i>Appearance:</i> White, Granular Powder	<i>Odor:</i> slight acrylate odor
<i>Boiling Point:</i> Solid N/A	<i>Melting Point:</i> decomposes above 500° F
<i>Vapor Pressure:</i> Less than 10 mm Hg	<i>Vapor Density:</i> N/A, >1
<i>Evaporation Rate:</i> Less than 1	<i>Specific Gravity:</i> N/A, Bulk Density <1
<i>Solubility:</i> Insoluble, swells in water	

## SECTION IV - Fire and Explosion Hazard Data

<i>Flash Point:</i> None	<i>Flammable Limits:</i> N/E	<i>LEL:</i> N/E	<i>UEL:</i> N/E
<i>Extinguishing Agents:</i> Water, CO <sub>2</sub> , Dry Chemical Extinguishants and Halon			
<i>Special Fire Fighting Procedures:</i> None			
<i>Unusual Fire Hazards:</i> Very slippery when product is in contact with water.			

## SECTION V - Reactivity Data

<i>Stability:</i> Stable	<i>Conditions to Avoid:</i> None Known
<i>Incompatibility:</i> Avoid contact with strong oxidizing agents.	
<i>Decomposition Products:</i> Carbon, oxides of carbon & sodium, water	
<i>Hazardous Polymerization:</i> Will Not Occur	<i>Conditions to Avoid:</i> None Known