

MATERIAL SAFETY DATA SHEET

Section I: Product Information

PRODUCT NAME: J-POLY 201A
CHEMICAL FAMILY: Sodium Polyacrylate Solution
CAS NUMBER: 9003-04-07
EMERGENCY TELEPHONE NUMBER: 281-489-9528

Section II: Hazardous Ingredients

HAZARDOUS COMPONENTS: None

Section III: Typical Physical Data

pH (as is): 3.5
Sp.G @ 77F: 1.25
% SOLIDS: 50
SOLUBILITY IN WATER: Complete
% VOLATILE (Water): 50
APPEARANCE AND ODOR: Viscous liquid; clear to hazy; slight acrid odor
FREEZING POINT: 32F

Section IV: Fire and Explosion Hazards

FLASH POINT: None
EXPLOSIVE LIMITS: None
EXTINGUISHING MEDIA: Not applicable; product will not burn
NFPA: HEALTH - 1, FLAMMABILITY - 0, REACTIVITY - 0

Section V: Toxicological Data

Acute Data: toxicity data for a compositionally similar material are listed below:
Oral LD50 - rat: greater than 5000 mg/kg
Dermal LD50 - rabbit: greater than 5000 mg/kg
Eye Irritation - rabbit: slight irritation
Skin Irritation - rabbit: no irritation

Product does not contain carcinogens subject to the requirements of SARA TITLE III. May cause irritation of skin and eyes. For eye contact, flush with water for 15 minutes; get medical attention if irritation persists. Wash skin with soap & water.

HMIS RATING: HEALTH - 1, FLAMMABILITY - 0, REACTIVITY - 0

Product is stable; will not undergo hazardous polymerization.

SECTION VII: SPILL OR LEAK PROTECTION

Keep spectators away. Floors may be slippery, so use caution. Contain spills immediately with inert materials (e.g. absorbent). Transfer liquids/solid diking materials to suitable containers for recovery or disposal in accordance with government regulations.

SECTION VIII: PERSONAL PROTECTION

MEASURES

Respiratory protection meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use rubber gloves, boots and apron for direct handling. Use face shield or splash goggles for eye protection. (See section X for additional safety information)

SECTION IX: TRANSPORTATION

INFORMATION

US DOT HAZARD CLASS: Nonregulated REPORTABLE QUANTITY: N/A

SECTION X: ADDITIONAL SAFETY MEASURES

Keep away from heat or open flame. Use product with adequate ventilation. Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Wash affected areas with soap and water, and consult a physician if irritation persists. If ingested, give two glasses of water to drink and consult a physician. For eye contact, flush eyes with water for at least 15 minutes and consult a physician if irritation persists.

DEFINITIONS:

NFPA RATING: System adopted by National Fire Protection Association to identify hazards in a fire situation:

- | | |
|---------------------|--------------------|
| 0 = No known hazard | 3 = Severe hazard |
| 1 = Slight hazard | 4 = Extreme hazard |
| 2 = Moderate hazard | |

HMIS RATING: Hazardous Materials Identification System adopted by the National Paint & Coatings Association:

- | | |
|---------------------|--------------------|
| 0 = Minimal | 3 = Serious hazard |
| 1 = Slight hazard | 4 = Severe Hazard |
| 2 = Moderate Hazard | * = May be chronic |

CAS NUMBER: Chemical Abstracts Service Number
SARA: Superfund Amendments Reauthorization Act