

Material Safety Data Sheet: **ImPac**TM

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1. MATERIAL IDENTIFICATION

Product Name: **ImPac**TM
Formula: Polyacrylamide **CAS Reg. No.:** 9003-05-8
Water 7732-18-5

2. HAZARDOUS INGREDIENTS

Material or Component	Wt %	Hazard Data
No hazardous components		NA

3. PHYSICAL DATA

Material is (at normal conditions): solid
Appearance and Odor: White granular solid. Odorless
pH: NA
Boiling Point: NA
Melting Point: ND
Specific Gravity: 1.00-1.25 (Water = 1.0)
Vapor Pressure: NA (mg Hg / 20°C)
Vapor Density: NA (Air = 1.0)
Solubility in Water: Complete (% by weight)
% Water by Volume: NA (2 hours-130°C)
Evaporation Rate: NA (Butyl Acetate = 1) (Ether = 1)

4. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Source of high heat
Incompatibility (materials to avoid): Oxidizing agents - may cause exothermic reaction.
Hazardous Decomposition Products : If incinerated at high temperature under controlled conditions, thermal decomposition byproducts would include low levels of carbon monoxide, carbon dioxide, various nitrous oxides.
Hazardous Polymerization: Will not occur.

5. FIRE AND EXPLOSION DATA

Flash Point: Not available
Auto Ignition Temperature: ND
Flammable Limits in Air % by Volume: ND
Unusual Fire and Explosion Hazards: See decomposition products



6. HEALTH HAZARD INFORMATION

Inhalation:	Dust may irritate respiratory tract.
Ingestion:	May cause discomfort or gastrointestinal disturbance. Low oral toxicity.
Skin:	May cause irritation, especially after prolonged or repeated contact.
Eyes:	Contact with solution may cause irritation.
Permissible Concentration in Air:	None published for polymer.
Unusual Chronic Toxicity:	None known.

7. EMERGENCY AND FIRST AID PROCEDURES

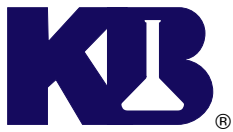
Inhalation:	Remove to fresh air. Apply mouth-to-mouth artificial respiration if not breathing. Get immediate medical attention.
Skin:	Flush with plenty of soap and water for at least 15 minutes. If irritation persists, get medical attention.
Eyes:	Immediately flush with water, continuing for 15 minutes. Get medical attention.
Ingestion:	If conscious, immediately give 2 to 4 glasses of water and induce vomiting by touching finger to back of throat. Get medical attention.

8. PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection:	If dusty conditions are encountered, wear NIOSH approved dust respirator.
Ventilation:	General room ventilation should be satisfactory.
Eye & Face Protection:	Safety glasses for normal handling conditions. Goggles when handling solutions. Do not wear contact lens.
Hands, Arms, & Body:	Rubber gloves and full work clothing. Add protective (rubber) clothing if splashing or repeated contact with solution is likely.

9. PRECAUTIONS & PROCEDURES

Fire Extinguishing Agents Recommended:	Foam, carbon dioxide, or dry chemical
Fire Extinguishing Agents to Avoid:	Water may cause extremely slippery conditions.
Special Fire Fighting Precautions:	Wear self-contained breathing apparatus. Solutions of product are extremely slippery.
Ventilation:	Local exhaust if dusting occurs. Natural ventilation - adequate in absence of dust.
Normal Handling:	Avoid contact with skin, eyes or clothing. Do not ingest. Use normal personal hygiene and housekeeping.
Storage:	Store in a cool, dry place.
Spill or Leak (Always Wear Personal Protective Equipment):	Sweep up or shovel into metal or plastic container. Immediately cover with commercial or other available absorbent. Close and store as above. Water may be used to complete cleaning. Large spill: Dike up with same material. Mop up or pump into same container and so forth.
Special Precautions / Procedures / Label Instructions:	Product dispersions in water are extremely slippery.



10. ENVIRONMENTAL

Degradability / Aquatic Toxicity: In combination with uv light for 48 hours, the resulting test solutions are biodegradable in 38 days to at least 29% to <3,000 Daltons (size of mass fragments) in a certified test study. The product is rated as a low toxicity to fish, LC 50/96 hours is 357 mg/L to Brachydanio; Bioaccumulation partition coefficient (Pow)=0 ; No potential to bio accumulate.

Octanol/Water Partition Coefficient: ND

Waste Disposal Methods: Dispose as non-hazardous solid waste in compliance with state, and local regulations.

RCRA Status of Unused Material if Discharged: Not a "Hazardous Waste".

Hazardous Waste Number: NA

DOT Status: Not regulated.

Reportable Quantity: EPA 40 CFR 302 (CERCLA 102): NA

Threshold Planning Quantity: EPA 40 CFR 355 (SERA 311-304): NA

Toxic Chemical Release Reporting: EPA 40 CFR 372 (SERA 311-313): NA

EPA Hazard Classification Code: Acute - No; Chronic - No; Fire - No; Pressure - No; Reactive - No

HMIS & NFPA Ratings:

	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
Special	NA	NA

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Proprietary Copolymer

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