



PRODUCT INFORMATION

CHEMICAL NAME: Copolymer of Acrylamide and Acrylic Acid
 CAS #: 25085-02-3
 SERIES INCLUDES: PAM A103D; PAM A-503D; PAM A-703D
 FORMULA: Proprietary
 MANUFACTURER: Jes-Chem Ltd.
 3 Berkley Place
 Guelph, Ontario
 N1E 1E5
 SUPPLIER: Panther Industries Inc.
 Box 628
 Davidson, SK S0G 1A0
 Phone: (306) 567-2814 (24 hour)

HAZARDOUS INGREDIENTS

COMPONENT	WT %	HAZARD DATA
Copolyacrylamide/socium acrylate	100	Not considered hazardous

PHYSICAL DATA

ODOUR AND APPEARANCE: granular solid with very mild odour
 VAPOR PRESSURE: Not available VAPOR DENSITY: N.A. EVAPORATION RATE: N.A.
 STATE: Solid
 BOILING POINT: Not available
 MELTING POINT: Not determined
 SPECIFIC GRAVITY (H2O=1): 1.00-1.25
 SOLUBILITY IN WATER (% by weight): 10g/liter
 % VOLATILES BY VOLUME: Not determined
 FIRE AND EXPLOSION DATA
 MEANS OF EXTINCTION: Foam, Carbon Dioxide, or dry chemical.
 MEANS OF EXTINCTION TO AVOID: Water will cause extremely slippery conditions.
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: Not Determined.
 FLASH POINT: Not flammable.
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. These products become very slippery when wet.

REACTIVITY DATA

STABILITY: Stable.
 CONDITIONS TO AVOID: None.
 HAZARDOUS POLYMERIZATION: Will not occur.
 INCOMPATIBILITY: Oxidizing agents - May cause exothermic reactions.
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition expected to produce carbon monoxide, carbon dioxide, and various nitrous oxides.



HEALTH HAZARD DATA

INHALATION: Dust may irritate respiratory tract.

EYE CONTACT: Dust and solutions of the product may irritate eyes.

SKIN CONTACT: Prolonged or repeated contact may cause irritation.

INGESTION: May cause discomfort or gastrointestinal disturbance. These products have low oral toxicity.

FIRST AID MEASURES

INHALATION: Remove to fresh air.

EYE CONTACT: Immediately flush with water, especially under the eyelids, continuing for about 15 minutes. Get medical attention.

SKIN CONTACT: Product is a minor skin irritant but may cause skin redness to individuals with sensitive skin. Wash skin with soap and water after contact.

INGESTION: Get medical assistance. **CAUTION:** Drinking fluids may cause the ingested product to swell.

DO NOT INDUCE VOMITING.

PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: If dusty conditions are encountered, wear NIOSH approved dust protector.

EYE PROTECTION: Safety glasses for normal handling conditions, and wear goggles when handling solutions.

VENTILATION: Local exhaust if dust occurs.

EXPOSED SKIN: Wear rubber gloves and full work clothing, and wear rubber clothing if repeated splashing of solutions is probable.

ADDITIONAL PRECAUTIONS: Single word - **CAUTION!**

When these products become wet, they are very hazardous because they create very slippery surfaces. It takes an enormous amount of water to eliminate the slippery conditions.

Application of common table or rock salt to the wet area helps to cut the slippery conditions.

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with skin and eyes. Do not inhale dust.

STORAGE: Dry powders have a storage life of several years if stored in a cool, dry place.

HMIS AND NFPA RATINGS:

	HMIS	NFPA
Health	1	1
Flame	0	0
Reactivity	1	1

EPA HAZARD CLASSIFICATION CODE:

PRESSURE - no	ACUTE - yes
REACTIVE - no	CHRONIC - no
FIRE - no	

ENVIRONMENTAL PROTECTION DATA

PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Sweep powder into container to be disposed of according to local disposal regulations.

WASTE DISPOSAL: Incineration or disposal in chemical landfill. Disposition must comply with federal, provincial and local discharge laws.



PREPARATION INFORMATION

MSDS PREPARED BY: Technical Dept. Panther Industries Inc. Box 628 Davidson SK S0G 1A0
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REFERENCES: 1. Manufacturer MSDS