



Material Safety Data Sheet

IDENTITY: GEL 400

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SECTION I

Manufacturer: Apex Resources Inc.
5546 Shepherdsville Road
Louisville, KY 40228
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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Common Name: Anionic Polyacrylamide

CAS Number: Not assigned
Exposure Limits: Not established
Hazard Compound: N/A
OSHA Hazardous Material: No
OSHA Hazard Categories: N/A

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (F):	N/A	Melting Point:	N/A
Vapor Pressure (mm Hg):	N/A	Specific Gravity (H₂O=1):	approx. 0.75 g/cm ³
Vapor Density (air=1):	N/A	Solubility in water:	Complete
Appearance & Odor:	Off-white color, granular solid – no odor		
Evaporation Rate:	N/A		

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SECTION IV – FIRE AND EXPLOSIVE HAZARD DATA

Flash Point: Product will burn when in contact with a flame.
Flammable Limits: N/A **LEL:** unknown
UEL: unknown **Extinguisher Media:** Foam, dry powder or carbon dioxide. Avoid water if possible as the product is slippery when wt.

Special Fire Fighting Procedures: Dust may be explosive if mixed with air and in the presence of an ignition source. Avoid these circumstances. Use chemical protection suit and self contained breathing apparatus.

Unusual Fire & Explosive Hazard: As with most organic materials, this material should be treated as a combustible dust in the finely divided and suspended state.

SECTION V – REACTIVITY DATA

Stability: Stable at ambient temperature.
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, ammonia.
Incompatibility (materials to avoid): Strong oxidizers.
Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Routes of Entry: Inhalation - Yes
Skin – Yes
Ingestion – No

Health Hazards: EYES: may be irritating, remove excess material from eyes. RESPIRATORY: may produce irritation or allergic response. SKIN: may cause irritation, wash skin with soap and water.

Carcinogenicity: None: Properties are considered to be non-hazardous and non-toxic.

Signs and Symptoms of Exposure: ACUTE: None established. CHRONIC: None established.

Medical Conditions Generally Aggravated by Exposure: None established. However, like any dust, Matrix Binder II may produce respiratory irritation and/or allergic response in some individuals.

Emergency and First Aid Procedures: EYES: Remove excess material from eyes, irrigate eyes with water. Consult physician if irritation persists.

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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Clean up with vacuum. Avoid contact with water, can become extremely slippery if spilled on floor and wetted

Waste Disposal Method: GEL 400 is not hazardous waste. Dispose in an approved landfill in accordance with local regulations. Do not dump down sewers or drains.

Other Precautions: Store in a dry, cool place. GEL 400 is stable in dry form. Keep container closed to avoid moisture pick-up. Properly cover container and retest after extended storage to assure quality prior to use.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: Use dust mask or respirators. **Eye Protection:** Chemical/safety goggles.
Ventilation: Use in well ventilated areas. **Protective Gloves:** Rubber, plastic, leather.
Other Protective Equipment: Lightweight protective clothing.

Other Information:

Disclaimer: All information recommendations and suggestions herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety toxicity and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by other is beyond the MSDS developer's control, no guarantee, expressed or implied is made by the manufacturer as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does the manufacturer assume any liability arising out of use by other of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriated warnings and safe handling procedures should be provided to handlers and users.