

## SAFETY DATA SHEET

---

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identification**

Product Name: Koldmount Powder Resin  
Product Numbers: AM1201, AM1202, AM1204, AM1206

**Company Identification**

Alpha Resources Inc.

3090 Johnson Rd.

Stevensville, MI 49127

(518)-434-3147 ( For product information )  
(800)-424-9300 ( For emergencies )  
1-800-424-9300 or 1-703-527-3887 ( CHEMTREC )

[www.alpharesources.com](http://www.alpharesources.com)  
sales@alpharesources.com

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**

WARNING: Dust may cause eye, skin and respiratory irritation. Individuals with sensitivity to methacrylates may develop an allergic reaction when exposed to this product.

**GHS Classification:**

Respiratory or skin Sensitization - Category 1

**GHS Hazard Symbols:**

Irritant



**EYE:**

Dust may be irritating to the eye.

**SKIN:**

May cause an allergic skin reaction.

**INHALATION:**

Avoid breathing dust, fumes, gas, mist vapors or spray.

**INGESTION:**

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**CHRONIC EFFECTS:**

Prolonged or repeated overexposure may cause skin irritation or sensitization in some individuals.

**CARCINOGENICITY INFORMATION:**

None of the components of this product are listed as carcinogens by OSHA, IARC or NTP or the EU directive.

**MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:**

Individuals with pre-existing skin and respiratory disorders may be at increased risk from exposure.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

4	Chemical Name	Amount	CAS Number
	POLY(METHYL METHACRYLATE)	99.0 %	9011-14-7
	BENZOYL PEROXIDE	< 1.0 %	94-36-0

**COMPOSITION COMMENT:**

This material is not intended for application involving elevated temperatures

5

## 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

Immediately flush victim's eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

**SKIN CONTACT FIRST AID:**

Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops. Launder clothing before re-use.

**INHALATION FIRST AID:**

Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if symptoms persist.

**INGESTION FIRST AID:**

If conscious, wash mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: 304.0 C (579.2 F)

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

**FLAMMABLE PROPERTIES:**

High concentrations of dust in air may be explosive.

**EXTINGUISHING MEDIA:**

Water fog, carbon dioxide, halon and dry chemical. Do not use a water stream. Water stream can disperse dust in air producing a fire hazard and possible explosion hazard if exposed to ignition source.

**FIRE & EXPLOSION HAZARDS:**

High concentrations of dust in air may be explosive.

**FIRE FIGHTING INSTRUCTIONS:**

A self-contained breathing apparatus and full protective clothing should be worn in fire conditions.

**COMBUSTION PRODUCTS:**

Cool exposed intact containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### SAFEGUARDS (PERSONNEL):

Carefully collect and place into a container for disposal. Remove all sources of ignition. Do not generate airborne dust. Do not allow water to enter lakes, streams, ponds, groundwater or soil. Spilled powder can be a slip hazard.

### LARGE SPILLS PROCEDURE:

Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water.

### SMALL SPILLS PROCEDURE:

Same as large spill.

## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Avoid contact with skin and eyes. Do not breathe dust or fumes. Wash thoroughly after handling. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Use good housekeeping to minimize accumulation of dust on equipment and surfaces. Keep away from sources of heat or ignition sources.

### HANDLING (PHYSICAL ASPECTS):

Store in a dry, well ventilated area. Keep container closed when not in use.

Storage temperature: Ambient.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Use with adequate local exhaust ventilation to maintain exposure below the occupation exposure limits.

### EYE / FACE PROTECTION REQUIREMENTS:

Chemical safety glasses with side-shields or chemical goggles.

### SKIN PROTECTION REQUIREMENTS:

Wear impervious gloves such as rubber to avoid skin contact.

**RESPIRATORY PROTECTION REQUIREMENTS:**

If the exposure limits are exceeded a NIOSH approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**MISCELLANEOUS:**

Impervious clothing as needed to prevent contact. A safety shower and eye wash should be available in the immediate work area.

**EXPOSURE GUIDELINES:**

**POLY(METHYL METHACRYLATE)**

Recommended Exposure Limit: 5 mg/m<sup>3</sup>

**BENZOYL PEROXIDE OSHA**

PEL: 5 mg/m<sup>3</sup>

OSHA TWA: 5 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	White
ODOR:	No odor
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	1.125 (Water = 1)

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong acids and oxidizing agents. Keep away heat, sparks or ignition sources.

**DECOMPOSITION:**

Methyl Methacrylate and Carbon Monoxide, depending on condition of heating or burning.

**CONDITIONS TO AVOID:**

Temperature above 570°F.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

Dust may cause irritation.

**SKIN EFFECTS:**

Dust may cause irritation, redness, rash and swelling. Individuals with sensitivity to methacrylates may develop an allergic reaction.

**ACUTE ORAL EFFECTS:**

May cause gastrointestinal irritation with nausea, vomiting or diarrhea.

**ACUTE INHALATION EFFECTS:**

Inhalation of dust may cause irritation of the nose, throat and upper respiratory tract.

**CHRONIC EFFECTS /:**

Prolonged or repeated overexposure may cause skin irritation or sensitization in some individuals.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:**

There is no specific data available for this product, however very large releases may be harmful or fatal to overexposed aquatic life.

**MISCELLANEOUS:**

The product is anticipated to be poorly removed in biological treatment processes.

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:**

Disposal should be accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

PRODUCT LABEL:	Koldmount Powder
D.O.T. SHIPPING NAME:	Not Regulated
D.O.T. HAZARD CLASS:	N/A
UN NUMBER:	N/A
D.O.T. LABEL:	N/A

**MISCELLANEOUS:**

IATA/ICAO. Not Regulated.

IMDG: Not regulated.

## 15. REGULATORY INFORMATION

**EEC Symbols and Indications of Danger:**

Irritant (Xi)



**R-Phrases:**

R36/37/38 - Irritating to eyes, respiratory system, and skin.

**S-Phrases:**

S15 - Keep away from heat.  
S25 - Avoid contact with eyes.

**WHMIS Hazard Symbols:**  
None

**Title V**  
BENZOYL PEROXIDE (94-36-0)

## **16. OTHER INFORMATION**

**HMIS Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0