

Alpha Resources Inc.

Safety Data Sheet (SDS)

Revision Date: May 6, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Transparent Lucite

AM1133

Alpha Resources, Inc. This product is intended for laboratory use in elemental analysis.

Alpha Resources Inc. 3090 Johnson Rd. Stevensville, MI 49127 (269)465-5559

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word

N/A

Pictograms

SECTION 2— HAZARDS IDENTIFICATION

Hazard Class: Combustible dust**Hazard Statements:** May form combustible dust concentrations in air.**Precautionary Statements:** Avoid breathing dust/fumes (P261). Use personal protective equipment as required (P281). If exposed or concerned, get medical attention/advice (P308+P313).

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS #	Concentration %
Poly (Methyl methacrylate)	9011-14-7	100

SECTION 4— FIRST AID MEASURES

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).**If on skin:** Wash with plenty of water. If skin irritation or rash occurs: get medical attention.**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell. DO NOT induce vomiting.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing media: Use a tri-class dry chemical fire extinguisher, foam, or carbon dioxide.**Unsuitable Extinguishing media:** Don't use water jet**Special Hazards arising:** Combustible but not easily ignited. Combustion or thermal decomposition will form toxic, irritant, and flammable vapors.**Advice for Firefighters:** Fire retardant protective clothing, along with suitable equipment, and a self-contained breathing apparatus if necessary.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Precautions: Make sure to use personal protective equipment when addressing any spills.

Method: Sweep up material while trying to avoid dust formation. Place material into sealed container for proper disposal per local regulations. Using a damp rag, wipe the area down to remove any fine dust.

SECTION 7 — HANDLING AND STORAGE

Handling: Proper ventilation and approved breathing protection should be provided if over exposure is possible. Avoid contact with skin and eyes by using proper personal protective equipment.

Storage: Keep the containers stored in a cool, dry, and well-ventilated area. Also, keep material away from heat sources.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

Provide adequate ventilation to keep exposure to a minimum. If adequate ventilation not provided, an NIOSH respirator is required to keep exposure low. Don't eat, drink, or smoke while working with this product.

Exposure Limits: Particulates OSHA PEL (TWA): 15mg/m³(total dust) OSHA PEL (TWA): 5mg/m³(respirable)

Substances which may be formed during thermal processing: Methyl methacrylate

Exposure Limits: Methyl methacrylate CAS#80-62-6 OSHA PEL (TWA): 410mg/m³

ACGIH (TWA): 205mg/m³ ACGIH (STEL): 410mg/m³

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White beads

Odor: typically methacrylate

Specific gravity: 1.18

Soluble: N/A

Melting Point: 150-230°C

SECTION 10 — STABILITY AND REACTIVITY

Stability: stable

Incompatibility: heat

Reactivity: non-reactive

Hazardous decomposition products: methyl methacrylate, carbon dioxide, carbon monoxide

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity:

Ingestion: low oral toxicity

Inhalation: unlikely to be hazardous by inhalation

Skin contact: unlikely to cause skin irritation. Contains greater than 0.1% residual methyl methacrylate. During normal handling this wouldn't be a hazard. When polymer matrix is destroyed (dissolved in organic solvent) chemical residues will be released from the matrix. These conditions may form an allergic reaction in certain individuals.

Eye contact: dust may cause irritation.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity: this material is expected to have low toxicity to aquatic organisms.

Persistence and degradability: non-biodegradable in soil

Bioaccumulative potential: low potential for bioaccumulation.

Mobility in soil: no data

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.
The waste from this product is considered non-hazardous.

SECTION 14 — TRANSPORT INFORMATION

United States Department of Transportation: Not regulated

Hazard class: N/A. UN number: N/A.

SECTION 15 — REGULATORY INFORMATION

U.S. Federal Regulations

SARA 302- Extremely hazardous: not applicable

SARA 313 Toxic chemicals: None

US State regulations

Prop 65: not known to contain any substance that would be considered cancer causing to the State of California.

SECTION 16 — OTHER INFORMATION

The data and information as stated was furnished by the manufacturer/vendor/supplier of this product. Alpha Resources Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.