

Alpha Resources Inc.

Safety Data Sheet (SDS)

Revision Date: May 7, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Diamond Compound

AM0865, AM0866, AM0867, AM0868, AM0875, AM0876, AM0877, AM0878, AM0887, AM0888, AM0889, AM0890, AM0891, AM0892, AM0893, AM0894, AM0895, AM0896, AM0897, AM0898, AM0899, AM0906, AM0907, AM0908, AM0909, AM0910, AM0911, AM0916, AM0917, AM0918, AM0919

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: None

Hazard Statements: May cause eye irritation, may cause skin irritation, and may cause nausea if ingested.

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 %
Polyalkylene Glycol	N/A	<80
SiO ₂	112945-52-5	<20
Industrial Diamond	7782-40-3	<20

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: N/A

Special Hazards arising: N/A

Advice for Firefighters: Fire retardant protective clothing, along with suitable equipment, and a self-contained breathing apparatus if necessary. Don't release run-off from fire control methods to sewers or waterways.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

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

Method: Isolate the area where the spill took place and remove all personnel if safe to do so. Most spills can be picked up using vermiculite or other absorbent noncombustible material. Wearing appropriate personal protective equipment, individuals should flush the area with plenty of water. Make sure the area is well-ventilated or the use of NIOSH approved respirators will be required. Once appropriately absorbed the material should be placed into disposal containers. These disposal containers should be taken care of according to local or international regulations.

Environment: Don't release this product into drains or water ways. Dike ahead of liquid spill to divert from release into environment.

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. Wash hands after coming into contact with material. If on clothing remove and wash before reuse.

Storage: Keep the containers stored in a cool, dry, and well-ventilated area. Also, keep material away from heat sources and the sun. Make sure containers are properly labeled and sealed.

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. Don't eat, drink, or smoke while working with this product. Eye wash stations and quick drench showers should be in the area these chemicals are worked with.

Exposure Limits:

Chemical name	CAS	P.E.L (mg/m ³)	TLV (mg/m ³)
Silica Amorphous	112945-52-5	6	10
Diamond	7782-40-3	10	10

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Various colors of paste
Boiling point: >200°C
Solubility: soluble

Odor: typically methacrylate
% Volatile: 40-70
Melting Point: <-10°C

Specific gravity: 1.05-1.2
Evaporation rate: N/A
pH: 9-10

SECTION 10 — STABILITY AND REACTIVITY

Stability: stable

Incompatibility: strong oxidizing materials, hypochlorites, chlorine

Reactivity: non-reactive

Hazardous decomposition products: Steam, carbon dioxide, carbon monoxide, and unidentified organic compounds in smoke may form during combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity:

Ingestion: none reported

Inhalation: may cause headache, nausea, and irritation of the nose and throat.

Skin contact: unlikely to cause skin irritation.

Eye contact: eye irritant, inconsequential irritation

Carcinogenicity: IARC, NTP, and OSHA don't list this product or ingredients as carcinogens.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity: this product is biodegradable
Persistence and degradability: biodegradable
Bioaccumulative potential: no data
Mobility in soil: no data

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding. Container should be rinsed out three times with appropriate solvent or water and disposed of accordingly.

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
All components of this product are listed on the TSCA inventory.
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.