

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Ceramic (Quartz) Refractory Shapes**

AR009, AR026, AR028, AR040, AR040P, AR042, AR042P, AR043, AR043S, AR123, AR124, AR344, AR529, AR706, AR816, AR899, AR3818, AR3818B, AR3818BS, AR3818F, AR3818P, AR 3818S, AR3932, AR4961S, AR5203HS, AR5202LE, AR6070, AR6086, AR6089, AR6308, AR4961, AR6309, AR6313, AR6644, AR7605, AR8028, AR8028B, AR8028F, AR8030, AR8120, AR8203, AR9011, AR9031, AR9110, AR9204, AR9204-250, AR9204P, AR9880, AR9880S, AR9880-100

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

Ceramic (Quartz) Refractory products are considered an article by OSHA guidelines. The composition of the vessels have known respiratory complications associated with them. Using this product per analyzer instruction should produce no adverse effects.

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Note: No permissible exposure limits or threshold limit values exist for steel overall. The table above shows the various elements that could be found in our steel pin standards. The many different grades of steel will have a cornucopia of varying elements and concentrations.

Component	CAS #	OSHA PEL(mg/m ³)	ACGIH TLV (mg/m ³)	Common %
Quartz (Silica)	14808-60-7	10 mg/m ³ %SiO ₂ +2	0.025	>48
Clay	1332-58-7	5mg/m ³	2mg/m ³	<34
Feldspar	68476-25-5	5 mg/m ³		<15

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 swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

SECTION 5 — FIRE FIGHTING MEASURES

Non-flammable.
Flash Point:N/A
Auto-Ignition Temperature: N/A
Fire Fighting Instructions: N/A
Auto-Ignition Temperature: N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Small or large spill: Pick up large pieces and vacuum dust. Use a dust suppressant if sweeping is necessary to minimize exposure to hazardous dust particulates.

SECTION 7 — HANDLING AND STORAGE

Handling: DO NOT grind, cut crush or otherwise produce dust. If it becomes wet it must be dried thoroughly or discarded. Wet products when put into use can cause explosive debris.

Storage: Stable under normal laboratory conditions. Keep container closed to prevent moisture build-up.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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

Provide proper ventilation to prevent over exposure of limits.

Must use a NIOSH approved respirator if TLV's or PEL's are exceeded.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White shape.	Feels smooth when polished. Odorless.	Specific gravity: 2.5
Soluble: In HF	Melting Point: Approximately 2900°F	pH: N/A

SECTION 10 — STABILITY AND REACTIVITY

Stability: stable Incompatibility: HF acid, Fl, and other strong oxidizing agents.

Hazardous Decomposition: N/A

SECTION 11 — TOXICOLOGICAL INFORMATION

The fine particulate created by crushing or grinding this material may contain crystalline silica.

This substance has been found to be a carcinogen in humans when inhaled.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.

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

TSCA Status: Toxic substance control inventory

CERCLA reportable quantity: none

SARA Title III:

Section 311/312 Hazardous Categories: Acute

RCRA Status: Not regulated

California Proposition 65: This material contains Silica, which the State of California has recognized as cancer causing.

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.
