



MATERIAL SAFETY DATA SHEET INDICATING SILICA GEL

SECTION 1 - PRODUCT IDENTIFICATION

COMPANY NAME:	KALTRON-PETTIBONE
STREET:	1241 ELLIS STREET
CITY, STATE, ZIP	BENSENVILLE, IL 60106
PHONE / FAX	630-350-1116 / 630-350-1606
DATE PREPARED:	JANUARY 2006

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	CHEMICAL NAME	HAZARDOUS?
14808-60-7	SILICON DIOXIDE	NON-HAZARDOUS
7646-79-9	COBALT (II) CHLORIDE	HAZARDOUS

SECTION 3 - PHYSICAL DATA

Physical State: Powder, beaded or granular
Appearance: Blue
Odor: None Reported
pH: Not Available
Vapor Pressure: Not Available
Vapor Density: Not Available
Evaporation Rate: Not Available
Viscosity: Not Available
Boiling Point: Not Available
Melting Point: 1713 °C
Decomposition Temperature: Not Available
Solubility: Insoluble
Specific Gravity / Density: Not Available

SECTION 4 - FIRE FIGHTING MEASURES

Flash Point: Not applicable.

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Auto Ignition Temperature: Not applicable.

Explosion Limits, Lower: Not applicable.

Upper: Not available.

SECTION 5 – HEALTH HAZARD INFORMATION

Routes of Exposure:

Eye: Causes eye irritation, redness, pain.

Skin: May cause skin irritation with dryness and abrasion.

Ingestion: No adverse reaction expected.

Inhalation: May cause respiratory tract irritation and dryness. Symptoms may include coughing, sore throat, and wheezing.

SECTION 6 – FIRST AID MEASURES

Effects of Overexposure: Prolonged exposure to cobalt has been shown to cause cancer in laboratory animals.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

Notes to Physician: Treat symptomatically and supportively.

SECTION 7 – ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills / Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, and then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from combustible substances.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne

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concentrations low.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
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Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

SECTION 9 – TRANSPORT INFORMATION
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D.O.T. Shipping Name: N/A	D.O.T. Hazardous Classification: Non-Hazardous
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D.O.T. Labeling Requirements: None	Hazardous Waste: Non-Hazardous
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BLUE INDICATING SILICA GEL 3-5 MM BEAD
Part Number 920009 (150 kg steel drum)

Description	TYPE A BLUE BEADED SILICA GEL
Specifications	
APPEARANCE	BLUE TO LIGHT BLUE BEADS
SIZE QUALIFICATION RATE	≥ 98.0%
BULK DENSITY	≥ 800 G/L
WEAR RATE	≤ 10.0%
ABSORPTION CAPACITY:	
@ RELATIVE HUMIDITY 20%	≥ 8.0%
@ RELATIVE HUMIDITY 35%	≥ 13.0%
@ RELATIVE HUMIDITY 50%	≥ 20.0%
LOSS ON DRYING	≤ 2.0%
COUNTRY OF ORIGIN	CHINA
Packaging	150 KG STEEL DRUMS

AGM CONTAINER CONTROLS, INC.

3526 E Ft Lowell Rd, Tucson, AZ 85716 1-800-995-5590 FAX 520-881-4983

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