



MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Date	March 21, 2006
Manufacturers Name	Advanced Ceramics Manufacturing
Address	7800A South Nogales Highway • Tucson, AZ 85706
Hazard Ratings	Health — 1 Flammability — 0 Reactivity — 0
Product Name	AQUACORE™ PREMIUM
Formula	Not available
Synonyms	None
Chemical Name	Refer to Section 2
Product Information Telephone Number:	520.547.0850
Hazardous Materials Support Center:	800.554.9964
Chemtrec (Spill Related Emergencies):	800.424.9300

SECTION 2 — INGREDIENTS

Notes AQUACORE™ PREMIUM has no known hazardous properties. The formula is proprietary information and is the property of Advanced Ceramics Manufacturing.

SECTION 3 — PHYSICAL DATA

Boiling Point	N/A
Specific Gravity	(H ₂ O = 1): 0.59 [at 250 psi/1.72 MPa Compaction]
Vapor Density	N/A
Appearance & Odor	White solid with no detectable odor.
% Volatiles by Weight	N/A

SECTION 4 — FIRE AND EXPLOSIVE DATA

Flash Point	Noncombustible
Special Fire Fighting Procedures	N/A
Stability	Stable
Conditions to Avoid	None known
Autoignition Temperature	N/A
Unusual Fire & Explosion Hazard	N/A

SECTION 5 — HEALTH HAZARD INFORMATION

Eye Contact	Direct contact may cause irritation.
Skin Contact	Direct contact may cause irritation.
Inhalation	When machining in the cured state, repeated exposure to dust may cause delayed lung injury.
Ingestion	No known hazard.
Signs & Symptoms of Exposure to Airborne Dust	May result in cough, dyspnea, wheezing, or impaired pulmonary functions.
Medical Conditions Aggravated by Exposure	N/A
Routes of Exposure	N/A

Effects of Overexposure N/A

FIRST AID PROCEDURES

Eyes Flush eyes with running water for 15 minutes — lift upper and lower eyelids.

Skin Wash skin thoroughly with mild soap and water.

Inhalation Remove to fresh air.

Ingestion No known hazard.

**Medical Conditions
Aggravated by Exposure** N/A

Carcinogenic Assessment No components used in this formulation are listed as carcinogenic.

SECTION 6 — REACTIVITY DATA

**Hazardous
Decomposition Products** None are to be anticipated under normal or recommended handling and storage conditions.

**Hazardous
Polymerization** None are to be anticipated under normal or recommended handling and storage conditions.

Conditions to Avoid None known.

Stability Stable under normal conditions.

Chemical Incompatibility None known.

SECTION 7 — PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be Taken if Material is
Spilled or Released** Shovel or scoop into container for use, if possible, or disposal.
Not a listed toxic chemical under SARA Title III, 302, 304 or 313.

Waste Disposal Method Not an RCRA Hazardous waste. Dispose of in accordance with applicable federal, state and local regulations.

**Precautions to be taken in
Handling and Storing** Keep container closed to avoid dry out.

Ventilation Requirements Maintain positive ventilation.

SECTION 8 — SPECIAL PROTECTION INFORMATION

Respiratory Protection Use of Class M respirator where dust is generated is recommended.

Eye Protection Chemical resistant safety glasses or goggles as a minimum.

Skin Protection Rubber gloves should be worn to prevent excessive or repeated skin contact.

Other Clothing & Equipment Work clothing or coveralls to minimize skin contact.

Work/Hygiene Practices Avoid creating dust.

Ventilation Maintain positive ventilation.

SECTION 9 — TRANSPORT INFORMATION

U.S.A. DOT Not regulated.

General Non-hazardous; non-restricted.

SECTION 10 — SPECIAL PRECAUTIONS

TSCA Listing All ingredients are on the TSCA inventory, or exempt.

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