



MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Date	March 21, 2006
Manufacturers Name	Advanced Ceramics Manufacturing, LLC.
Address	7800A South Nogales Highway • Tucson, AZ 85706
Hazard Ratings	Health — 0 Flammability — 0 Reactivity — 0
Product Name	AQUASEAL™ 3818
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 Aquaseal™ 3818 has no known hazardous properties. The formula is proprietary information and is the property of Advanced Ceramics Manufacturing.

SECTION 3 — PHYSICAL DATA

Boiling Point	212 °F/100 °C
Specific Gravity	(H2O = 1): 1.0
Vapor Density	<1
Appearance & Odor	Blue or clear liquid with slight sweet odor.
% Volatiles by Weight	75-85

SECTION 4 — FIRE AND EXPLOSIVE DATA

Flash Point	N/A
Special Fire Fighting Procedures	N/A
Stability	N/A
Conditions to Avoid	N/A
Autoignition Temperature	N/A
Unusual Fire & Explosion Hazard	Solid active ingredient heated in open flame can produce potentially toxic substances.

SECTION 5 — HEALTH HAZARD INFORMATION

Eye Contact	Direct contact may cause irritation.
Skin Contact	Direct contact may cause irritation.
Inhalation	N/A
Ingestion	No known hazard.
Signs & Symptoms of Exposure to Airborne Dust	N/A
Medical Conditions Aggravated by Exposure	N/A
Routes of Exposure	No specific information available.
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	No specific information available, but unlikely route of exposure.
Ingestion	No specific information available.
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	Small amounts of hydrogen chloride.
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	Soak up with inert absorbent such as sand, earth or vermiculite and put in closed container for prompt disposal.
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	No special respiratory requirements — unlikely route of exposure.
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	N/A
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.
General	Avoid freezing temperatures. Heating solid active ingredients above 500°F may cause formation of potentially toxic substances. Wash hands thoroughly after handling. Do not smoke while using, nor contaminate with tobacco products.

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