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MSDS No.1.1.3.B

Section 01 - Product Identification

IDENTITY: *As Used on Label and List:* **AQUAFIN-2K/M (gray or white)
Component – B (mixing liquid)**

Chemical Characterization: **Acrylic Copolymer**

Product Use Description: **Coating**

AQUAFIN, INC.
505 BLUE BALL RD. #160
ELKTON, MD 21921

24 hr Emergency Phone: Chem-Tel **(800) 255-3924**
Information Phone No. **(410) 392-2300**

Section 02 - Composition/Information on Hazardous Ingredients

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV	Percent
Water based acrylic copolymer dispersion No hazardous components (VOC = 0 g/L)		N.A.	N.A.	

Section 03 - Hazards Identification

(Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 – Serious; 4 = severe; * = Chronic)

HMIS® - Rating	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

WHMIS Class: D2B.

Primary Routes of Entry: Skin contact.

Effects of overexposure:

Inhalation: Can cause slight irritation.
Ingestion: Can cause slight irritation.
Skin Contact: Can cause slight irritation.
Eye Contact: Can cause slight irritation.
Chronic Exposure: No known information available.

Section 04 – First Aid Measures

Inhalation: Supply fresh air and consult a physician in case of symptoms.

Ingestion: Drink copious amounts of water and provide fresh air. Consult a physician immediately. Do not induce vomiting without medical advice. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Skin Contact: Rinse skin with warm water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally and consult a physician.

Section 05 – Fire Fighting Measures

Flash Point: Not combustible.

Auto ignition Temperature: Not combustible.

Hazardous combustion Products: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Lower explosion Limit: N/A

Upper explosion Limit: N/A

Extinguishing Media: Water, foam, CO₂, extinguishing powder or water mist – Product is not combustible.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Section 06 - Accidental Release Measures

Measures for Cleaning/Collecting: Wear appropriate protective equipment (see section 8). Contain and collect spillage with absorbent materials, i.e. sand, earth, vermiculite, diatomaceous earth, acid and universal binders, sawdust, and place in container for disposal. Rinse residual stain with water. Emergency procedures are not required.

Section 07 – Handling and Storage

Handling: Avoid contact with skin, eyes and clothing. Keep out of reach of children. Keep away from heat and direct sunlight. Do not store open containers. No special measures required.

Storage: No special storage precautions needed. Store in original container, away from foodstuffs. Store containers tightly closed in a cool (frost free), well ventilated place.

Section 08 – Exposure Controls / Personal Protection

General Information: Eye-wash bottle must be available.
The product does not contain any relevant quantities of materials that have to be monitored at the workplace.

Engineering Controls: Provide good (mechanical) room ventilation to control any air contaminants.

Respiratory Protection: Not generally required if room is well ventilated. In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations



above the exposure limit they must use NIOSH approved respirators.

Skin Protection: When installing, wear appropriate protective gloves (butyl, rubber) to prevent hand-skin exposure. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).

Eye Protection: Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary.

Work/Hygienic Practices: Handle using good industrial hygiene and safety practices. Keep work area clean. Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 09 – Physical and Chemical Properties

Physical State:	Milky Liquid
Color:	White
Odor:	Weak, characteristic
Solubility in water:	Fully miscible
pH-value at 20°C:	7 - 9
Boiling Point:	212°F (100°C) Water
Freezing Point:	32°F (0°C)
Specific Gravity (Density):	1.05 kg/L
Viscosity, dynamic at 20°C:	6,000 – 8,000 cps (mPas)
VOC Concentration as applied:	0 g/L

Section 10 – Stability and Reactivity

Thermal Decomposition: No decomposition if used as prescribed.

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: Will not occur under normal conditions.

Incompatibilities: None known.

Section 11 – Toxicological Information

Product Information:

Acute Oral Toxicity:

- AQUAFIN-2K/M: LD/LC50 values that are relevant for classification: No data existing.
- AQUAFIN-2K/M-US: LD50 >5,000 mg/kg (rat)
Method: test result of a related preparation.

Primary irritant effect:

- **On the skin:** No irritant effect.
- **On the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The toxicological data are given by analogy. According to experience, the product is considered to be harmless to health if used in the correct manner. On the basis of the product's composition, no acute general toxic effects are to be expected. Frequent contact can lead to skin and eye irritation, especially if product is allowed to dry out.

Section 12 – Ecological Information

Ecological Information: The product is a slight water pollutant. Large quantities may be toxic to fish. Do not empty into waterways or drains.

Section 13 – Disposal Considerations

Recommendations: Use excess product in an alternate beneficial application.
Smaller quantities can be disposed with household garbage.
Expose liquid product to fresh air to allow water to evaporate. Remaining cured product becomes a rubbery harmless mass.

Disposal: Dispose of in a manner consistent with federal, state and local regulations.

RCRA Hazardous Waste: No. RCRA number: NONE.

Section 14 – Transport Information

DOT (Domestic Surface) Hazard Class or Division: Not regulated
IMO (Ocean) Hazard Class or Division: Not regulated
ICAO (Air) Hazard Class or Division: Not regulated.

Section 15 – Regulatory Information

TSCA Status: There are no TSCA 12(b) Chemicals in this product.

SARA 311/312 Hazard Categories:

- Reactive Hazard: No
- Pressure Hazard: No
- Fire Hazard: No
- Immediate/Acute: No
- Delayed/Chronic: No

SARA 313 Notification: This product contains no toxic chemicals subject to the SARA 313 supplier notification requirements.

CERCLA: No CERCLA chemicals exist in this product above reportable concentrations.

Section 16 – Other Information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

END OF MSDS

(April 05, 2011)