MATERIAL SAFETY DATA SHEET

AQUA FLASH SBS Composite Membranes

SECTION 1: MATERIAL IDENTIFICATION AND USE

Manufacturer/Supplier: WIRE-BOND
Address: 400 Rountree Road Charlotte, NC 28217
Telephone Numbers: Information: (704) 525-5554 / Emergency: (781) 461-1946
Effective Date: January 2, 2015
Chemical Family: Mixture
Material Use: Self Adhesive Membrane
Product Name as used on Label: AQUA FLASH

SECTION 2: HAZARDS IDENTIFICATION

HMIS Rating (1-4)          Hazard Statement
Health        1           Danger
Flammability  1           Can cause skin irritation
Reactivity    0           Will burn if ignited directly

SECTION 3: HAZARDOUS IDENTIFICATION

Hazardous Component           Percentage          Hazardous Component           Percentage
Petroleum Asphalt             40-70%               Styrene-butadiene-styrene block copolymer 5-20%
CAS # 8052-42-4              CAS# 9003-55-8
Mineral Oil                   0-08 %                
CAS # 64741-88-4

SECTION 4: FIRST AID MEASURES

Primary Routes of Entry       Inhalation  Skin  Ingestion
Inhalation                    X          X     

1 of 5
Effects of Overexposure (Acute and short-term)
Skin: Avoid contact with skin. Excessive exposure may cause irritation to the skin.
Ingestion: Do not ingest- not meant to be eaten.

Emergency and First Aid Procedures:
Inhalation: Not Applicable
Skin: Wash affected area thoroughly with soap and water. If redness or irritation develops, obtain medical assistance.
Eyes: Flush with water for at least fifteen (15) minutes. Obtain medical assistance.
Ingestion: Seek medical assistance immediately.

Medical Conditions Aggravated By Exposure:
Disorders or Diseases of the Skin or Eye

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>NTP</th>
<th>Irritant</th>
<th>Sensitizer</th>
<th>Mutagenic</th>
<th>Teratogenic</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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</table>

SECTION 5: FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flash Point (Method)</th>
<th>Upper Explosion Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;410 Degrees F (T.O.C.)</td>
<td>Not Determined</td>
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<table>
<thead>
<tr>
<th>Sensitivity to Static Discharge</th>
<th>Lower Explosion Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Determined</td>
<td>Not Determined</td>
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</tbody>
</table>

Extinguishing Media
Standard Fire Extinguisher Water Spray, Regular Foam, Dry Chemical or Carbon Dioxide

Special Fire Fighting Procedures
The use of self-contained breathing apparatus is recommended for firefighters

Unusual Fire And Explosion Hazards
There is no potential for fire or explosion

Flammability
Will support combustion

Under What Conditions
Direct Flame

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions To Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
Incompatibility
Not Applicable

Hazardous Decomposition/Combustion Products
Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen and Sulfur

Hazardous Polymerization
Will Not Occur

Conditions To Avoid
Not Applicable

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Containment Procedures: Pick up small pieces and dispose as cited below

Waste Disposal Method
Dispose in a licensed waste disposal facility in accordance with all applicable Federal, State and Local laws, codes and regulations.

**SECTION 7: HANDLING AND STORAGE**

Precautions To Be Taken In Handling And Storage
Do not ingest. Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling especially before eating, drinking, smoking or use of restroom. Launder soiled clothing before re-use. Material should be kept dry and protected from elements

Other Precautions
KEEP OUT OF REACH OF CHILDREN

**SECTION 8: EXPOSURE CONTROL**

Respiratory Protection
None required

Ventilation
None required

Eye Protection
Safety Glasses

Other Protective Clothing or Equipment
None required

Protective Gloves
Leather or cotton

Hygienic Practices
Wash hands thoroughly after handling, especially prior to eating or smoking. Wash clothing before re-use.

**SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point
Not Applicable

Specific Gravity (H2O=1)
1.2
Vapor Pressure (mm Hg)  
Not Applicable  

Melting Point  
>200 Degrees F  

Vapor Density (Air=1)  
Not Applicable  

Evaporation Rate (Bu AC=1)  
Not Applicable  

Solubility In Water  
Insoluble  

Appearance and Odor  
Black Solid  
Slight Petroleum Odor  

**SECTION 10: STABILITY AND REACTIVITY**

Product is stable. Hazardous polymerization will not occur.

**Hazardous Decomposition Products:** Carbon monoxide, hydrocarbons and sulfur oxides.

**Reactivity:** None

**SECTION 11: TOXICOLOGICAL**

The hazards have been evaluated on the basis of individual ingredients on a threshold of 1.0% for hazardous ingredients and 0.1% for all carcinogens. This product has not been tested as a separate entity.

**Chronic Effects:** Prolonged skin exposure may cause skin sensitization with possible redness and irritation. Exposure to mists, fumes or dust is not expected to occur due to product form.

**Acute Effects:** Skin contact may result in irritation and allergic reaction.

**SECTION 12: ECOLOGICAL**

No information available at this time

**SECTION 13: DISPOSAL CONSIDERATIONS**

Product is not regulated by U.S. EPA under the Resource Conservation and Recovery Act regulations. Waste is to be disposed of in accordance with federal, state and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

Reportable Quantity  
Not Applicable
RCRA Hazardous Waste No.  Not a RCRA Hazardous Waste
Proper Shipping Name   Asphaltic Roofing Material
DOT Hazard Class       Not Required
Identification Number  Not Required
Volatile Organic Content Not Applicable
Label Requirements     Not Required

NFPA Rating (1-4)  Health -1, Flammability -1, Instability/Reactivity -0
U.S. Department of Transportation shipping Classification: Not classified as a hazardous material

**SECTION 15: REGULATORY**

U.S. Federal Regulations: This product has not been classified as a carcinogen by the Occupational Safety and Health Administration, the National Toxicology Program or the International Agency for Research on Cancer. All ingredients in this product are TSCA listed. There are no chemicals in this product regulated by CERCLA/SARA 302,304,313 or TSCA12(b).

State Regulations: None

WHIMS Classifications: This product is not WHIMS controlled. This product has been classified in accordance with the hazard criteria of CPR. This MSDS contains all information required by CPR.

**SECTION 16: OTHER INFORMATION INCLUDING DATE OF PREPERATION OR LAST REVISION**

MSDS Revision Summary:  
10/01/96 Original Issue
11/01/96 Typo
07/01/00 Update ingredients
12/31/12 Add WHIMS Classification
01/01/15 Updated / to meet GHS

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