1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name**  
Arisfor® Bond

**Recommended Use**  
High solids acrylic latex bonding agent and admixture

**Restrictions on Use**  
No data

**Supplier of Safety Data Sheet**  
Arisfor, LLC  
100 Forta Drive  
Grove City, PA  16127

**Company Number**  
Phone: 724-264-1050  
Fax: 724-458-8331

**Emergency Number**  
Phone: 724-264-1050

2. HAZARDS IDENTIFICATION

**Emergency Overview**

**OSHA Hazards**  
Causes eye irritation, may be harmful if swallowed, may cause an allergic skin reaction, may cause skin irritation.

**GHS Classification**  
Eye damage/irritation – Category 2B  
Acute toxicity, Oral – Category 5  
Sensitization, Skin – Category 1A

**Label Elements, including precautionary statements**

Pictogram –  
Signal word – Warning

**Hazard Statements**

H303  
May be harmful if swallowed.

H320  
Causes eye irritation.

H317  
May cause an allergic skin reaction.

H335  
May cause respiratory irritation.

**Precautionary Statements – Prevention**

P261  
Avoid breathing dust/fume/gas/mist/vapors/spray.

P264  
Wash hands and skin thoroughly after handling.

P271  
Use only outdoors or in a well-ventilated area.

P272  
Contaminated work clothing should not be allowed out of the workplace.

P280  
Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statements – Response

P312  Call a POISON CENTER/doctor if swallowed and you feel unwell.

P304+P340+P312  IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305+P351+P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313  If eye irritation persists: Get medical advice or attention.

P302+P352  IF ON SKIN: Wash with plenty of soap and water.

P333+P313  If skin irritation or rash occurs: Get medical advice or attention.

P362+P364  Take off contaminated clothing and wash it before reuse.

Precautionary Statements – Storage

P405  Store locked up.

Precautionary Statements – Disposal

P501  Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified:  May cause skin irritation

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS#</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>70-75%</td>
</tr>
<tr>
<td>Latex Resin – Non-Hazardous</td>
<td>Not available</td>
<td>20-25%</td>
</tr>
<tr>
<td>S-Triazine-1,3,5(2H,4H,6H)-Triethanol</td>
<td>4719-04-4</td>
<td>≤0.3%</td>
</tr>
<tr>
<td>Surfactant Blend</td>
<td>Proprietary</td>
<td>≤0.2%</td>
</tr>
</tbody>
</table>

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

General Advice  Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation  IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

Eye Contact  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Ingestion  IF SWALLOWED: Not expected to be harmful under normal conditions of use. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact  Wash off with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention.
5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Material is not combustible. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide for the surrounding fire.

**Specific Hazards Arising from the Chemical**
No specific data available.

**Hazardous Combustion Products**
No specific data available.

**Protective Equipment and Precautions for Firefighters**
Wear self-contained breathing apparatus and full protective gear for firefighting.

**Further Information**
See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**
In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

**Environmental Precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and Material for Containment and Cleaning Up**
Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

7. HANDLING AND STORAGE

**Precautions for Safe Handling**
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

**Conditions for Safe Storage, Including any Incompatibilities**
**General information:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store product above 50 degrees F/10 degrees C and below 95 degrees F/35 degrees C.

**Safe Storage:** No additional data.

**Incompatibilities:** None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

**Component Exposure Limits**
No data available.

**Appropriate Engineering Controls**
**Local Ventilation:** Recommended
**General Ventilation:** Recommended

**Individual Protection Measures, such as Personal Protective Equipment**
**Eye/Face Protection:** Use proper protection – Safety Glasses as a minimum.
**Skin and Body Protection:** Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.
**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided, or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where
concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

**General Hygiene Considerations**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

**Physical State**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>White (dries clear)</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data</td>
</tr>
</tbody>
</table>

**Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>9</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>32°F (0°C)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;212°F (100°C) Closed cup method</td>
</tr>
<tr>
<td>Flammability Limits</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial Boiling Point/ Boiling Range</td>
<td>&gt;212°F (100°C)</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03 Density: 8.61 lb/gal +/-0.02</td>
</tr>
</tbody>
</table>

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10. STABILITY AND REACTIVITY

Chemical Stability  Stable
Possibility of Hazardous Reactions  None known.
Conditions to Avoid  Keep from freezing.
Incompatible Materials  None known.
Hazardous Decomposition Products  Oxides of carbon, sulphur, and nitrogen.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure  Skin contact, eye contact. (Ingestion is not a likely route of exposure under normal conditions of use.)
Symptoms of Exposure  Allergic skin reaction, skin and eye irritation, stomach or intestinal upset.
Numerical Measures of Toxicity  No data available.
Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure  May be harmful if swallowed. May cause allergic skin reaction, skin and eye irritation.
Carcinogenicity: No ingredient has been characterized as a potential carcinogen by either IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity  No known significant effects or critical hazards.
Persistence and Degradability  No data available.
Bioaccumulation  No data available.
Mobility  No data available.
Other Adverse Effects  No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Disposal of Wastes  This product is not a hazardous waste under RCRA. Dispose of in conformance with all federal, state, and local regulations.
Contaminated Packaging  Dispose of as unused material.

14. TRANSPORT INFORMATION

DOT Requirements  Not a DOT controlled material (USA).
IMDG Requirements  Not an IMDG controlled material.
IATA Requirements  Not an IATA controlled material.
Marine Pollutant  Not a marine pollutant.
15. REGULATORY INFORMATION

International Inventories

TSCA All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

U.S. Federal Regulations

SARA 302 None known.

SARA 311/312 Acute health hazard.
Hazard Categories

SARA 313 None known.
Hazard Categories

CWA None known.
(Clean Water Act)

Supplemental State Compliance Information

California This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

U.S. EPA Label Information: No data.

Canada

WHMIS Class D2B (Toxic)
Classification

Symbol Stylized T

16. OTHER INFORMATION

HMIS Classification

Health Hazard 1

Flammability 0

Physical Hazard 0

NFPA Rating

Health Hazard 1

Fire 0

Reactivity Hazard 0