

Preparation Date: April 9, 2015

Revision Date: April 9, 2015

Version: 1

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

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

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	<p>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.</p> <p>Safe Storage: No additional data.</p> <p>Incompatibilities: None known.</p>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limits	No data available.
Appropriate Engineering Controls	<p>Local Ventilation: Recommended</p> <p>General Ventilation: Recommended</p>
Individual Protection Measures, such as Personal Protective Equipment	<p>Eye/Face Protection: Use proper protection – Safety Glasses as a minimum.</p> <p>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.</p> <p>Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided, or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where</p>

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

Appearance	Liquid
Color	White (dries clear)
Odor	Mild
Odor Threshold	No data

Properties

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

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 Routs 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 know 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 Hazard Categories Acute health hazard.

SARA 313 Hazard Categories None known.

CWA (Clean Water Act) None known.

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 Classification Class D2B (Toxic)

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