

SAFETY DATA SHEET

Trade Name	A1000
SDS #	S-0004 V2
Date of Issue	04/28/2025
Replaces (Date/Revision #)	05/30/2024 – V1
Effective Date	04/28/2025

SECTION 1 – Identification

Product Name: A1000-GAL

Other Means of Identification: N/A

Product Code Number: A1000-GAL

Recommended Use: Sealant/Adhesive

Recommended Restrictions: Uses other than described above. Industrial use only

Suppliers Details

Company:

Forza, Inc.

3211 Nebraska Ave, Suite #300

Council Bluffs, IA 51501, USA

Company Phone Number:

1-402-731-9300 (Available 8:00 am – 4:30 pm CST)

Emergency Phone Number:

Chemtrec 1(800)-424-9300

SECTION 2 – Hazard Identification

GHS Classification:

Not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS Revision 5.

Label Elements:**Hazard Pictograms:** None required**Signal Word:** None**Hazard Statements:** None**Precautionary Statements:**

Keep container tightly closed.

Prevent contamination of waterways.

Other Hazards:

May cause minor eye irritation in sensitive individuals.

SECTION 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	% w/w
Polyvinyl Acetate Copolymer	24937-78-8	40-50%
Non-Hazardous Ingredients (includes Plasticizer, Water, Surfactants, Biocide, Defoamer)	Mixture	50-60%

Note:

Non-hazardous components are grouped together. Individual identification of non-hazardous materials is not mandatory when present at or below 1% unless they contribute to hazard classification.

SECTION 4 – First-Aid Measures**Inhalation:** Move person to fresh air. Seek medical attention if symptoms persist.**Skin Contact:** Wash skin with soap and water. Remove contaminated clothing.**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present.**Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical advice.**SECTION 5 – Fire-Fighting Measures****Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.**Specific Hazards:** Material can form combustible mixtures at elevated temperatures.**Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – Accidental Release Measures

Personal Precautions: Use personal protective equipment. Ensure adequate ventilation.

Methods for Containment and Cleanup: Absorb with inert material (e.g., sand, earth). Dispose in accordance with local regulations.

SECTION 7 – Handling and Storage

Precautions for Safe Handling: Avoid breathing mist or vapors. Use with adequate ventilation.

Conditions for Safe Storage: Store in tightly closed container in a cool, dry, well-ventilated place.

SECTION 8 – Exposure Controls / Personal Protection

Component	OSHA PEL	ACGIH TLV	NIOSH REL
Vinyl Acetate (trace monomer residual)	10 ppm TWA	10 ppm TWA	10 ppm TWA
Non-Hazardous Mixture	Not applicable	Not applicable	Not applicable

Engineering Controls: Local exhaust ventilation recommended.

Personal Protective Equipment:

Eye/Face Protection: Safety goggles.

Skin Protection: Protective gloves.

Respiratory Protection: If ventilation is inadequate, use NIOSH-approved respirator.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	White milky liquid
Odor	Mild
Odor Threshold	Not determined
pH	4.0–5.0
Melting Point/Freezing Point	0 °C (water component)
Boiling Point/Range	100 °C
Flash Point	Not applicable (aqueous-based)
Evaporation Rate	Slow
Flammability	Not flammable
Vapor Pressure	23 mmHg (water)
Relative Density	1.05 g/cm ³

Solubility in Water

Dispersible

VOC Content

<1% by weight (EPA Method 24)

SECTION 10 – Stability and Reactivity

Reactivity: No dangerous reactions known under normal conditions.

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Avoid freezing and excessive heat.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

SECTION 11 – Toxicological Information

Endpoint	Test Species	Value
Acute Oral Toxicity	Rat	LD50 > 5000 mg/kg
Acute Dermal Toxicity	Rabbit	LD50 > 2000 mg/kg
Acute Inhalation Toxicity	Rat	LC50 > 5 mg/L (dust/mist)
Skin Irritation	Rabbit	Non-irritating
Eye Irritation	Rabbit	Mild irritation possible

Carcinogenicity: Vinyl acetate (residual monomer, trace) classified as possible human carcinogen (IARC 2B). Product itself is not classified as a carcinogen under OSHA.

SECTION 12 – Ecological Information

Endpoint	Test Organism	Value
Acute Toxicity to Fish	Oncorhynchus mykiss (rainbow trout)	LC50 > 100 mg/L (96h)
Acute Toxicity to Aquatic Invertebrates	Daphnia magna	EC50 > 100 mg/L (48h)
Acute Toxicity to Algae	Pseudokirchneriella subcapitata	EC50 > 100 mg/L (72h)

Persistence and Degradability: Biodegradable.

Bioaccumulative Potential: Low.

SECTION 13 – Disposal Considerations

Dispose in accordance with federal, state, and local environmental control regulations. Do not discharge into drains or waterways.

SECTION 14 – Transport Information

DOT: Not regulated as dangerous goods.

IMDG: Not regulated.

IATA: Not regulated.

SECTION 15 – Regulatory Information

US Federal Regulations:

TSCA Inventory: All ingredients listed or exempt.

SARA Title III: Not applicable.

CERCLA: Not applicable.

SECTION 16 – Other Information

Implementation Date: 4.28.2025

Prepared by: Forza, Inc.

GHS Rev. 5 Compliance: This SDS has been prepared in accordance with GHS Revision 5 standards and complies with EPA, OSHA, and DOT regulations. Users should ensure they meet jurisdiction-specific requirements.

Disclaimer: The information provided in this SDS is believed to be accurate as of the revision date but is subject to change based on new regulations or updated research findings. Users are responsible for compliance with all applicable laws and regulations.