

# SAFETY DATA SHEET

Trade Name	CA1000
SDS #	S-0117 V1
Date of Issue	04/30/2025
Replaces (Date/Revision #)	04/30/2025 – NEW
Effective Date	04/30/2025

## **SECTION 1 – Identification**

**Product Name:** CA1000

**Other Means of Identification:** N/A

**Product Code Number:** CA1000

**Recommended Use:** Adhesive/Sealant

**Recommended Restrictions:** Uses other than described as 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**

**OSHA/GHS Status:**

Hazardous by OSHA Hazard Communications Standard (29 CFR 1910.1200)

### **Hazard Classifications**

Flammable Liquid – Category 4

Skin Irritation – Category 2

Eye Irritation – Category 2A

Skin Sensitization – Category 1

Specific Target Organ Toxicity (Single Exposure) – Category 3 (respiratory irritation)

**Signal Word:** WARNING

### **Hazard Statements**

H227: Combustible liquid

H315: Causes skin irritation

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

### **Hazard Pictograms**



### **Precautionary Statements**

P261: Avoid breathing vapors

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P273: Avoid release to the environment

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

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

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

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

P403: Store in a well-ventilated place

P410: Protect from sunlight

P411: Store at temperatures not exceeding 25°C (77°F)

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

**Hazards Not Otherwise Classified:** None known

## **SECTION 3 – Composition/Information on Ingredients**

Chemical Name	CAS Number	Concentration (%)	GHS Classification/Hazards
Ethyl-2-Cyanoacrylate	7085-85-0	60–100	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; Skin Sens. 1
Non-hazardous components	Not applicable	<10	Not classified

## **SECTION 4 – First-Aid Measures**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing. If irritation develops, seek medical attention.

**Eye Contact:** Rinse cautiously with water for 15 minutes. Remove contact lenses. Seek medical attention.

**Ingestion:** Rinse mouth. Do not induce vomiting. Seek immediate medical attention.

**Most Important Symptoms:** Respiratory and skin irritation, allergic reaction

## **SECTION 5 – Fire-Fighting Measures**

**Suitable Extinguishing Media:** Water spray, dry chemical, CO<sub>2</sub>, alcohol-resistant foam

**Hazards:** May release CO, CO<sub>2</sub>, halogenated compounds

**Protective Equipment:** Firefighters should wear full protective gear including SCBA

## **SECTION 6 – Accidental Release Measures**

**Personal Precautions:** Keep unprotected personnel away. Use PPE. Ventilate area. Avoid contact

**Environmental Precautions:** Prevent entry into drains or waterways

**Cleanup:** Absorb with inert material. Collect in suitable containers for disposal

## **SECTION 7 – Handling and Storage**

**Handling:** Avoid breathing vapors. Use in ventilated areas. Do not reuse empty containers

**Storage:** Store tightly sealed in a cool, dry, ventilated space below 25°C



## **SECTION 8 – Exposure Controls / Personal Protection**

Substance	Exposure Limit (TLV)	Source
Ethyl 2-Cyanoacrylate	1 mg/m <sup>3</sup> (0.2 ppm)	ACGIH

**Engineering Controls:** Provide general or local exhaust ventilation

**PPE:** Goggles, gloves, apron, and respirator when ventilation is inadequate

## **SECTION 9 – Physical and Chemical Properties**

**Appearance:** Clear, syrupy liquid

**Odor:** Pungent

**Boiling Point:** 214°C

**Flash Point:** 93°C

**Vapor Pressure:** 0.2 mmHg @ 77°C

**Relative Density:** 1.043 g/cm<sup>3</sup>

**Solubility:** ≤0.21 g/L in water

**Autoignition Temperature:** 485°C

**Viscosity:** 1,000–1,500 cPs

**Partition Coefficient:** Log POW = 0.776

## **SECTION 10 – Stability and Reactivity**

**Reactivity:** Reacts with moisture and strong bases

**Stability:** Stable under standard conditions

**Incompatibilities:** Water, amines, alkalis, alcohols

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, halogenated gases

## **SECTION 11 – Toxicological Information**

Substance	Test Type	Species	Result
Ethyl 2-Cyanoacrylate	LD50 Oral	Rat	>5,000 mg/kg
Ethyl 2-Cyanoacrylate	LD50 Dermal	Rabbit	>2,000 mg/kg

**Health Effects:** Eye/skin irritation, respiratory effects, sensitization

## **SECTION 12 – Ecological Information**

Parameter	Description
Ecotoxicity	Polymerizes in water; no measurable aquatic toxicity
Persistence	Rapid polymerization limits persistence
Bioaccumulation	Not measurable due to rapid curing
Mobility	Limited by solidification on contact
Other Effects	No known significant environmental risks

## **SECTION 13 – Disposal Considerations**

**Waste Disposal:** Dispose in accordance with regulations

**Container:** Do not reuse. Recycle or dispose through approved contractor

## **SECTION 14 – Transport Information**

**DOT/TDG:** Not regulated

**IATA:** UN3334, Packing Group III (≤500 mL not regulated)

**IMO:** Marine Pollutant: Yes

## **SECTION 15 – Regulatory Information**

**TSCA:** All components listed or exempt

**SARA 311/312:** Immediate (acute) health hazard

**SARA 313:** Not listed

**CAA/SDWA:** Not regulated

**California Proposition 65:** Not listed

## **SECTION 16 – Other Information**

**Implemented Date:** 4.30.2025

**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.