

# SAFETY DATA SHEET

Trade Name	IC932
SDS #	S-0031 V8
Date of Issue	04/14/2025
Replaces (Date/Revision #)	05/02/2024 – V7
Effective Date	04/14/2025

## **SECTION 1 – Identification**

**Product Name:** IC932

**Other Means of Identification:** IC932-22L, IC932-108L, IC932B-22L, IC932B-108L

**Product Code Number:** IC932, IC932B

**Recommended Use:** Adhesive/Sealant

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

### **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**

**Classification of the Substance or Mixture:**

Gases Under Pressure – Compressed Gas

Acute Toxicity (Inhalation) – Category 4

Eye Irritation – Category 2A

Skin Irritation – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 (narcotic effects)

**Label Elements:**
**Signal Word:** Warning

**Hazard Pictograms:**

**Hazard Statements:**

Contains gas under pressure; may explode if heated

Causes skin and eye irritation

May cause drowsiness or dizziness

Harmful if inhaled

**Precautionary Statements:**

Avoid breathing vapors or mist

Use only outdoors or in a well-ventilated area

Wear protective gloves and eye protection

If inhaled: Remove to fresh air and keep at rest. Seek medical advice

If on skin: Wash with water. Get medical attention if irritation develops

If in eyes: Rinse cautiously with water. Remove contact lenses if present. Continue rinsing

Store in a well-ventilated place. Protect from sunlight

Dispose of contents/container in accordance with local regulations

**Other Hazards:**

Product is under pressure. Do not puncture or incinerate container

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

Component	CAS Number	% w/w	GHS Classification
Trans-1,2-Dichloroethylene	156-60-5	50-60%	STOT SE 3, Asp. Tox. 1, Acute Tox. 4 (inh), Eye Irrit. 2A
PF-C (Solstice PF-C)	102687-65-0	10-20%	Acute Tox. 4, Eye Irrit. 2A
Carbon Dioxide (CO <sub>2</sub> )	124-38-9	5-10%	Gases Under Pressure – Compressed Gas
Non-Hazardous Ingredients	Proprietary	20-30%	Not classified (per GHS Rev. 5)
Blue Dye*	Proprietary	0.15%	Not classified

This product contains several substances that are not classified as hazardous under GHS Rev. 5, OSHA 29 CFR 1910.1200, or applicable international regulations. In accordance with GHS Section 3.2.1(c), these non-hazardous ingredients have been grouped into a single line to enhance clarity and readability, without affecting hazard communication or safety information.

\*Applies to IC932B products only

## **SECTION 4 – First-Aid Measures**

### **Inhalation:**

Remove to fresh air. Keep comfortable and provide oxygen if necessary. Seek medical attention if symptoms persist

### **Skin Contact:**

Remove contaminated clothing. Wash with soap and water. Seek medical advice if irritation develops

### **Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Get medical attention

### **Ingestion:**

Do not induce vomiting. Rinse mouth. Seek medical attention immediately

### **Symptoms:**

Eye and skin irritation, respiratory discomfort, dizziness, drowsiness, headache

### **Notes for Medical Personnel:**

Treat symptomatically. Observe for delayed pulmonary effects from inhalation

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

### **Extinguishing Media:**

Dry chemical, carbon dioxide, foam. Water spray for cooling

### **Hazards from Combustion Products:**

Carbon monoxide, carbon dioxide, hydrogen chloride, and fluorinated compounds

### **Protective Equipment:**

Self-contained breathing apparatus and full protective clothing required

### **Special Precautions:**

Containers may rupture under fire conditions. Cool with water if exposed to heat

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

### **Personal Precautions:**

Evacuate area. Provide adequate ventilation. Avoid contact and inhalation

### **Environmental Precautions:**

Prevent entry into drains, sewers, or water bodies

### **Methods for Cleanup:**

Absorb spill with inert material. Transfer to labeled waste container. Wash area with water and detergent

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

### **Precautions for Safe Handling:**

Use only in well-ventilated areas. Avoid contact with eyes and skin. Prevent static discharge

### **Conditions for Safe Storage:**

Store in a dry, cool, well-ventilated area away from heat and direct sunlight. Keep container sealed



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

### **Exposure Limits**

<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>NIOSH REL</b>
Trans-1,2-Dichloroethylene	200 ppm (TWA)	200 ppm (TWA)	200 ppm (TWA)
Carbon Dioxide	5000 ppm (TWA)	5000 ppm (TWA), 30,000 STEL	5000 ppm (TWA)
PF-C	Not established	Not established	1 mg/m <sup>3</sup> (manufacturer limit)

### **Engineering Controls:**

Local exhaust and general ventilation recommended to maintain airborne levels below limits

### **Personal Protective Equipment:**

**Eyes:** Chemical splash goggles

**Skin:** Chemical-resistant gloves and long-sleeved clothing

**Respiratory:** NIOSH-approved respirator where vapor concentrations exceed limits

**Hygiene:** Wash thoroughly after handling. Do not eat, drink, or smoke while using

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

**Appearance:** Clear to slightly yellow and/or blue liquid

**Odor:** Mild, ether-like

**Flash Point:** >60°C (ASTM D3278)

**Boiling Point:** ~48°C

**Auto-Ignition Temperature:** ~413°C

**Vapor Pressure:** High

**Density:** ~1.28 g/cm<sup>3</sup>

**VOC Content:** ~322 g/L

**Solubility in Water:** Negligible

**pH:** Not applicable

**Viscosity:** Low

**Decomposition Temperature:** Not determined

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

### **Reactivity:**

Stable under normal conditions

### **Chemical Stability:**

Stable during storage and handling under normal conditions

### **Incompatible Materials:**

Strong oxidizers, strong acids, and alkalis

### **Hazardous Decomposition Products:**

May include CO, CO<sub>2</sub>, hydrogen chloride, HF, and fluorinated organics

**Hazardous Reactions:**

None expected under recommended conditions

## **SECTION 11 – Toxicological Information**

**Toxicity Data**

Component	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)	Inhalation LC <sub>50</sub> (rat, 4h)
Trans-1,2-Dichloroethylene	1235 mg/kg	>5000 mg/kg	18,900 ppm
PF-C	>2000 mg/kg	>2000 mg/kg	>4 mg/L
Carbon Dioxide	Non-toxic	Non-toxic	100,000 ppm

**Skin/Eye Irritation:**

Irritating to eyes and skin

**Sensitization:**

Not a known sensitizer

**Carcinogenicity:**

Not listed as carcinogenic by IARC, NTP, or OSHA

## **SECTION 12 – Ecological Information**

**Ecotoxicity Data**

Component	Fish (LC <sub>50</sub> , 96h)	Algae (EC <sub>50</sub> , 72h)	Invertebrates (EC <sub>50</sub> , 48h)
Trans-1,2-Dichloroethylene	135 mg/L	26 mg/L	220 mg/L
PF-C	No data available	No data available	No data available
Carbon Dioxide	Not applicable	Not applicable	Not applicable

**Persistence and Degradability:**

PF-C is persistent. DCE is moderately degradable

**Bioaccumulation Potential:**

PF-C may bioaccumulate. DCE has low potential

## **SECTION 13 – Disposal Considerations**

### **Waste Disposal:**

Dispose in accordance with federal, state, and local regulations. Do not discharge into water systems

### **Container Disposal:**

Do not reuse or incinerate closed containers. Depressurize before disposal

## **SECTION 14 – Transport Information**

**UN Number:** UN3500

**Proper Shipping Name:** Chemical Under Pressure, N.O.S. (Air, Compressed)

**Transport Hazard Class:** 2.2 (Non-flammable compressed gas)

**Packing Group:** Not applicable

**Label Required:** Non-Flammable Gas

**Marine Pollutant:** No

**Limited Quantity:** Not eligible (container >1 liter)

## **SECTION 15 – Regulatory Information**

### **TSCA Inventory:**

All ingredients are listed or exempt

### **SARA 313:**

Trans-1,2-Dichloroethylene is subject to reporting

### **CERCLA:**

1000 lb RQ – Trans-1,2-Dichloroethylene

### **Right-to-Know State Disclosures**

State	Listed Chemicals
New Jersey	Trans-1,2-Dichloroethylene, Carbon Dioxide
Pennsylvania	Trans-1,2-Dichloroethylene, Carbon Dioxide
Massachusetts	Trans-1,2-Dichloroethylene, Carbon Dioxide

### **California Proposition 65**

This product does not contain substances known to the State of California to cause cancer, birth defects, or reproductive harm.

## **SECTION 16 – Other Information**

**Revision Date:** 4.14.2025

**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.

