

# SAFETY DATA SHEET

Trade Name	TA56
SDS #	S-0107 V1
Date of Issue	04/15/2025
Replaces (Date/Revision #)	04/15/2025 – NEW
Effective Date	04/15/2025

## **SECTION 1 – Identification**

**Product Name:** TA56

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

**Product Code Number:** TA56-GAL

**Recommended Use:** Adhesive/Sealant

**Recommended Restrictions:** Uses other than listed 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**

**Classification of the Substance or Mixture:**

Flammable Liquid – Category 2

Aspiration Hazard – Category 1

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

Skin Irritation – Category 2

Reproductive Toxicity – Category 2

Carcinogenicity – Category 2  
Eye Irritation – Category 2B

**Signal Word: DANGER**

**Hazard Pictograms:**



**Hazard Statements:**

Highly flammable liquid and vapor  
May be fatal if swallowed and enters airways  
May cause drowsiness or dizziness  
Causes skin and eye irritation  
Suspected of damaging fertility or the unborn child  
Suspected of causing cancer

**Precautionary Statements:**

Keep away from heat, sparks, open flames, and hot surfaces  
Avoid breathing vapors  
Use in well-ventilated areas only  
Wear protective gloves and eye protection  
If swallowed: Immediately call a poison center. Do NOT induce vomiting  
If on skin: Wash with plenty of soap and water  
Store in a cool, dry, and well-ventilated place  
Dispose of contents in accordance with local regulations

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

**Substance or Mixture:**  
Mixture

Component	CAS Number	% w/w	GHS Classification
Heptane	142-82-5	20-30%	Flam. Liq. 2, Asp. Tox. 1, STOT SE 3, Skin Irrit. 2, Aquatic Chronic 2
Toluene	108-88-3	20-30%	Flam. Liq. 2, Repr. Tox. 2, STOT SE 3, Asp. Tox. 1, Carc. 2
Neutral Mineral Oil	8042-47-5	1-5%	Not classified (minimally treated)
Non-Hazardous Ingredients*	Proprietary	50-60%	Not classified

*\*Non-hazardous components (including antioxidants and polymeric additives) do not meet classification criteria individually and are grouped per GHS Rev. 5 Section 3.2.1(c). None exceed the 1% threshold for chronic hazard declaration per EPA guidance.*

## **SECTION 4 – First-Aid Measures**

**Inhalation:**

Move to fresh air. Seek medical attention if symptoms persist

**Skin Contact:**

Wash thoroughly with soap and water. Remove contaminated clothing

**Eye Contact:**

Rinse with water for several minutes. Seek medical attention if irritation develops

**Ingestion:**

Do not induce vomiting. Seek immediate medical attention. Aspiration hazard present

**Symptoms:**

Drowsiness, headache, dizziness, respiratory discomfort, skin/eye irritation

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

### **Extinguishing Media:**

Dry chemical, foam, CO<sub>2</sub>. Water spray for cooling only

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

CO, CO<sub>2</sub>, hydrocarbons, soot, toxic fumes

### **Protective Equipment:**

Self-contained breathing apparatus and full protective gear

### **Special Precautions:**

Vapors may travel and ignite at a distance. Containers may rupture under fire conditions

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

### **Personal Precautions:**

Isolate area. Use non-sparking tools. Ventilate area

### **Environmental Precautions:**

Prevent product from entering drains, waterways, or soil

### **Cleanup Methods:**

Absorb with inert material. Collect and dispose per local regulations

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

### **Handling:**

Avoid breathing vapors. Use explosion-proof equipment. Ground containers

### **Storage:**

Store in tightly closed containers in cool, ventilated areas away from ignition sources

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

### **Exposure Limits**

<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>NIOSH REL</b>
Heptane	500 ppm (TWA)	400 ppm (TWA), 500 STEL	85 ppm (TWA)
Toluene	200 ppm (TWA)	20 ppm (TWA)	100 ppm (TWA)

### **Engineering Controls:**

Use mechanical or explosion-proof local ventilation



**Personal Protective Equipment:****Eyes:** Safety goggles**Skin:** Chemical-resistant gloves**Respiratory:** Organic vapor respirator if ventilation inadequate**Hygiene:** Wash hands and face after handling**SECTION 9 – Physical and Chemical Properties****Appearance:** Clear liquid**Odor:** Hydrocarbon/solvent**Flash Point:** <5°C**Boiling Point:** 111°C (approximate)**Vapor Pressure:** High**Density:** ~0.85 g/cm<sup>3</sup>**VOC Content:** >600 g/L (includes Heptane and Toluene)**Solubility in Water:** Insoluble**Viscosity:** Low**Auto-Ignition Temperature:** ~480°C**Decomposition Temperature:** Not determined**SECTION 10 – Stability and Reactivity****Reactivity:**

Stable under normal conditions

**Chemical Stability:**

Stable under normal use and storage

**Incompatible Materials:**

Strong acids, oxidizers, halogens

**Hazardous Decomposition Products:**

Carbon oxides, volatile hydrocarbons

**Hazardous Reactions:**

None known under proper storage

**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)
Heptane	>15,000 mg/kg	>2,000 mg/kg	>25,000 ppm
Toluene	5,000 mg/kg	12,124 mg/kg	13,000 ppm

**Irritation:**

Skin and eye irritation may occur

**Carcinogenicity:**

Toluene – IARC Group 3 (not classifiable), OSHA – not listed

**Aspiration Hazard:**

Yes (hydrocarbon content)

## **SECTION 12 – Ecological Information**

**Ecotoxicity**

Component	Fish (LC <sub>50</sub> , 96h)	Algae (EC <sub>50</sub> , 72h)	Invertebrates (EC <sub>50</sub> , 48h)
Heptane	4 mg/L	1 mg/L	0.85 mg/L
Toluene	7.63 mg/L	3.4 mg/L	5.46 mg/L

**Persistence:**

Volatile and degradable in air

**Bioaccumulation:**

Potential with repeated exposure (toluene)

**Mobility:**

High volatility; limited soil mobility

## **SECTION 13 – Disposal Considerations**

**Product Disposal:**

Do not dump into sewers or waterways. Incinerate in accordance with regulations

**Container Disposal:**

Do not reuse container. Triple rinse and dispose per local and federal regulations

## **SECTION 14 – Transport Information**

**UN Number:** UN1133

**Proper Shipping Name:** Adhesives containing flammable liquid (Heptane, Toluene)

**Hazard Class:** 3

**Packing Group:** II

**Label Required:** Flammable Liquid

**Marine Pollutant:** Yes (Heptane)

## **SECTION 15 – Regulatory Information**

### **TSCA Inventory:**

All components are listed

### **SARA 313:**

Toluene is subject to reporting

### **CERCLA:**

Toluene – RQ: 1,000 lbs

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

State	Listed Chemicals
New Jersey	Heptane, Toluene
Pennsylvania	Heptane, Toluene
Massachusetts	Heptane, Toluene

### **California Proposition 65**

This product contains **toluene**, known to the State of California to cause birth defects or reproductive harm

## **SECTION 16 – Other Information**

**Revision Date:** 4.15.2025

**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.