

SAFETY DATA SHEET

Trade Name	TC453
SDS #	S-0046 V5
Date of Issue	04/22/2025
Replaces (Date/Revision #)	05/15/2024 – V4
Effective Date	04/22/2025

Section 1 – Identification

Product Name: TC453

Other Means of Identification: TC453-22L, TC453-108L, TC453R-22L, TC453R-108L

Product Code Number: TC453, TC453R

Recommended Use: Sealant/Adhesive

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:

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

Emergency Phone Number:

Chemtrec 1(800)-424-9300

Section 2 – Hazard Identification

Classification:

Flammable Liquid – Category 2

Gas Under Pressure – Compressed Gas

Skin Irritation – Category 2

Eye Irritation – Category 2A

STOT SE – Category 3 (drowsiness, dizziness)

Aspiration Hazard – Category 1

Reproductive Toxicity – Category 2

Aquatic Chronic – Category 2

Signal Word: Danger

Hazard Pictograms: Flame, Gas Cylinder, Exclamation Mark, Health Hazard, Environment



Hazard Statements:

Flammable liquid and vapor

Contains gas under pressure; may explode if heated

Causes skin and eye irritation

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways

Suspected of damaging fertility or the unborn child

Toxic to aquatic life with long-lasting effects

Precautionary Statements:

Keep away from heat/sparks/open flames. No smoking

Avoid breathing mist or vapors. Use only outdoors or in well-ventilated area

Wear protective gloves and eye protection

Avoid release to the environment

Dispose of contents/container according to local regulations

Section 3 – Composition/Information On Ingredients

Note: Components listed above 1% or 0.1% for known hazards in accordance with GHS.

Chemical Name	CAS Number	% w/w	GHS Classification
Methyl Acetate	79-20-9	50-60%	Flammable Liquid (Cat. 2), Eye Irritation (Cat. 2A)
Hexane	64742-49-0	5-10%	Flammable Liquid (Cat. 2), STOT SE (Cat. 3), Aspiration Hazard (Cat. 1), Reproductive Toxicity (Cat. 2), Aquatic Chronic (Cat. 2)
Red Dye*	Proprietary	< 1%	Not Classified
Proprietary Gas Blend	Mixture	5-10%	Compressed Gas, Simple Asphyxiant
Other Non-Hazardous Ingredients	Proprietary	Balance	Not Classified

**Applies only to TC453R products*

Section 4 – First-Aid Measures

Inhalation: Remove person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Most Important Symptoms: Dizziness, drowsiness, irritation of eyes and skin, CNS depression, chemical pneumonitis from aspiration.

Section 5 – Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide

Unsuitable Media: Do not use water stream as it may spread fire

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, hydrocarbons

Protective Equipment: Wear full protective gear and SCBA in fire conditions

Section 6 – Accidental Release Measures

Personal Precautions: Eliminate all ignition sources. Ventilate area. Use PPE

Environmental Precautions: Prevent product from entering drains or waterways

Methods for Cleanup: Absorb with inert material. Collect in sealed container for proper disposal

Section 7 – Handling And Storage

Handling: Do not breathe vapors. Use only in well-ventilated areas. Avoid contact with skin and eyes

Storage: Store in a cool, well-ventilated area away from direct sunlight. Do not expose to temperatures above 50°C (122°F)

Section 8 – Exposure Controls / Personal Protection

Component	ACGIH TLV	OSHA PEL
Methyl Acetate	200 ppm TWA	200 ppm TWA
Hexane	50 ppm TWA	500 ppm TWA
Gas Blend (Inert)	5000 ppm TWA	5000 ppm TWA

Engineering Controls: Use local exhaust ventilation to maintain exposure below limits

PPE: Nitrile gloves, chemical splash goggles, organic vapor respirator when applicable

Section 9 – Physical And Chemical Properties

Appearance: Clear and/or red liquid

Odor: Solvent-like

Boiling Point: ~56–69°C

Flash Point: <10°C

Flammability: Flammable

Vapor Pressure: High

VOC Content: < 45 g/L

Solubility: Slightly soluble in water

Section 10 – Stability And Reactivity

Stability: Stable under recommended conditions

Reactivity: No dangerous reactions known under normal conditions

Conditions to Avoid: Heat, flames, sparks

Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: CO, CO₂, aldehydes

Section 11 – Toxicological Information

Exposure Routes: Inhalation, skin and eye contact, ingestion

Acute Toxicity:

Methyl Acetate LD50 (oral, rat): 6,482 mg/kg

Hexane LD50 (oral, rat): 25,000 mg/kg; LC50 (inhalation, rat): ~48,000 ppm/4h

Skin/Eye: Irritant

STOT-SE: May cause CNS effects

Reproductive Toxicity: Hexane is a suspected reproductive toxin

Section 12 – Ecological Information

Hexane: LC50 (fish, 96h): ~2.5 mg/L; EC50 (Daphnia, 48h): ~1.8 mg/L

Methyl Acetate: LC50 (fish, 96h): 250–350 mg/L

Persistence/Degradability: Hexane may bioaccumulate

Environmental Impact: Avoid environmental release

Section 13 – Disposal Considerations

Dispose of contents and container in accordance with local, regional, national, and international regulations. Do not discharge into drains

Section 14 – Transport Information

UN Number: UN3501

Proper Shipping Name: Chemical Under Pressure, Flammable, (Methyl Acetate, Hexane)

Hazard Class: 2.1

Packing Group: Not applicable

Labeling: Flammable Gas

Marine Pollutant: Yes (Hexane)

Special Precautions: Handle as pressurized flammable material

Section 15 – Regulatory Information

TSCA: All components listed or exempt

Right to Know: NJ, PA, MA – Methyl Acetate, Hexane

California Prop 65: Contains n-hexane (reproductive toxin)

SARA 311/312: Fire hazard, Immediate health hazard, Chronic health hazard

SARA 313: Hexane (reportable)

Section 16 – Other Information

Revision Date: 4.22.2025

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.

