

SAFETY DATA SHEET

Trade Name	TAC-739 Infusion Molding Adhesive
SDS #	S-0011 V6
Date of Issue	04/15/2025
Replaces (Date/Revision #)	12/09/2024 – V5
Effective Date	04/15/2025

SECTION 1 – Identification

Product Name: TAC-739 Infusion Molding Adhesive – Mist Spray

Other Means of Identification: TAC-739-22L, TAC-739-108L, TAC-739R-22L, TAC-739R-108L

Product Code Number: TAC-739, TAC-739R

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

Hazard Classifications:

Flam. Aerosol – Category 1

Gas Under Pressure – Compressed Gas

Acute Toxicity – Category 4 (Oral, Inhalation)

Eye Irritation – Category 2A

Reproductive Toxicity – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 (drowsiness, dizziness)

Specific Target Organ Toxicity (Repeated Exposure) – Category 2

Aquatic Chronic – Category 3

Signal Word: DANGER

Hazard Pictograms:



Hazard Statements:

H222: Extremely flammable aerosol

H280: Contains gas under pressure; may explode if heated

H302: Harmful if swallowed

H319: Causes serious eye irritation

H332: Harmful if inhaled

H336: May cause drowsiness or dizziness

H361f: Suspected of damaging fertility

H373: May cause damage to organs through prolonged or repeated exposure

H412: Harmful to aquatic life with long lasting effects

SECTION 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (%)
Hexane	110-54-3	10 - 20
Methyl Acetate	79-20-9	40 - 50
Propane	74-98-6	5 - 10
Isobutane	75-28-5	10 - 20
Red Dye*	Proprietary	<1
Non-hazardous Proprietary Blend**	Proprietary	20 - 30

*Applies to TAC739R products only

** Includes resin, additives, antioxidant

SECTION 4 – First-Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Administer oxygen if needed. Seek medical attention.

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

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth if conscious. Seek immediate medical attention.

Most Important Symptoms: Dizziness, drowsiness, nausea, eye/skin irritation.

SECTION 5 – Fire-Fighting Measures

Extinguishing Media: Alcohol-resistant foam, carbon dioxide, dry powder

Unsuitable Media: Do not use water jet

Hazards: Containers may explode when heated. Vapors may travel to ignition source.

Protective Equipment: Full protective gear and SCBA

SECTION 6 – Accidental Release Measures

Precautions: Evacuate area, eliminate ignition sources, ventilate area

Personal Protection: Use PPE per Section 8

Environmental Precautions: Avoid release into drains and waterways

Cleanup: Absorb with non-combustible material, collect for disposal

SECTION 7 – Handling and Storage

Handling: Avoid sparks/flames. Use PPE. Do not eat, drink, or smoke while using

Storage: Cool, dry, ventilated space away from direct sunlight. Temperature < 122°F

SECTION 8 – Exposure Controls / Personal Protection

Substance	OSHA PEL	ACGIH TLV	NIOSH IDLH
Methyl Acetate	200 ppm / 610 mg/m ³	250 ppm	3100 ppm
Hexane	500 ppm	50 ppm	50 ppm
Propane	1000 ppm	Simple Asphyxiant	1000 ppm
Isobutane	N/A	1000 ppm	800 ppm

Engineering Controls: Use adequate ventilation

PPE: Goggles, gloves, apron, respirator when needed

Hygiene Measures: Wash hands and face after handling; launder clothing

SECTION 9 – Physical and Chemical Properties

Physical State: Liquid **Color:** Clear, Red

Odor: Organic solvent

Boiling Point: 134.8–155.7°F (57.1–68.7°C)

Flash Point: 14°F (-10°C)

Vapor Pressure: 173 mmHg

VOC Content: 246 g/L

Solubility: Partial Density: 0.928 g/cm³

SECTION 10 – Stability and Reactivity

Stability: Stable under normal conditions

Reactivity: Non-reactive under normal use

Conditions to Avoid: Heat, ignition sources

Incompatible Materials: Strong oxidizers

Hazardous Decomposition: CO, CO₂, aldehydes

Polymerization: Will not occur

SECTION 11 – Toxicological Information

Substance	Test Type	Value
Mixture	LD50 Oral (Rat)	975.08 mg/kg
	LD50 Dermal (Rabbit)	2616.06 mg/kg
	LC50 Inhalation (Rat)	25,000 ppm
Methyl Acetate	LD50 Oral (Rat)	5,000 mg/kg
	LD50 Dermal (Rabbit)	2,000 mg/kg
	LC50 Inhalation (Rat)	49.28 mg/l
Hexane	LD50 Oral (Rat)	16,000 mg/kg
	LD50 Dermal (Rabbit)	2,000 mg/kg
	LC50 Inhalation (Rat)	171.6 mg/l
Propane	LC50 Inhalation (Rat)	>12,000 ppm
Isobutane	LC50 Inhalation (Rat)	>3,000 ppm

Carcinogens: This product does not contain components that are classified as carcinogens by IARC, NTP, or OSHA.

Health Effects: Respiratory and eye irritation, CNS effects, fertility risk

SECTION 12 – Ecological Information

Substance	Test Type	Species	Value
Hexane	LC50	Fish	2.1–2.98 mg/l
	EC50	Algae	N/A
Methyl Acetate	LC50	Fish	250–350 mg/l
	EC50	Invertebrates	1026.7 mg/l
	EC50	Algae	>120 mg/l

Ecotoxicity:

Toxic to aquatic life in high concentrations

Persistence:

Volatile components expected to degrade through atmospheric oxidation

Bioaccumulation:

Hexane may bioaccumulate in aquatic organisms

Mobility in Soil:

Likely to evaporate rapidly; limited soil mobility

SECTION 13 – Disposal Considerations

Waste Code: D001

Method: Dispose of in accordance with local, state, and federal regulations. Do not reuse container.

SECTION 14 – Transport Information

UN Number: 3501

Proper Shipping Name: Chemical Under Pressure, Flammable, N.O.S. (Methyl Acetate, Hexane)

Hazard Class: 2.1

Label Required: Flammable Gas

Packing Group: Not applicable

Marine Pollutant: Yes

SECTION 15 – Regulatory Information

TSCA Status: All components listed

SARA 302/311/312/313: Listed (Methyl Acetate, Hexane)

CERCLA: RQ: 5,000 lbs

Right-to-Know State Disclosures

State	Listed Chemicals
New Jersey	Hexane, Methyl Acetate, Propane, Isobutane
Pennsylvania	Hexane, Methyl Acetate, Propane, Isobutane
Massachusetts	Hexane, Methyl Acetate, Propane, Isobutane

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: 4.15.2025

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.