

SAFETY DATA SHEET

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| Trade Name | TAC-735 Infusion Molding Adhesive Bulk |
| SDS # | S-0104 V1 |
| Date of Issue | 04/02/2025 |
| Replaces (Date/Revision #) | 04/02/2025 – NEW |
| Effective Date | 04/02/2025 |

SECTION 1 – IDENTIFICATION

Product Name: TAC-735 Infusion Molding Adhesive Bulk – HAPS Free Mist Spray

Other Means of Identification: N/A

Product Code Number: TAC-735, TAC-735R

Recommended Use: Adhesive/Sealant

Recommended Restrictions: Any uses not 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:

Flammable Liquid – Category 2

Eye Irritation – Category 2A

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

Aspiration Hazard – Category 1

Aquatic Chronic – Category 2

Label Elements:
Signal Word: DANGER

Hazard Pictograms:

Hazard Statements:

H225 – Highly flammable liquid and vapor

H319 – Causes serious eye irritation

H336 – May cause drowsiness or dizziness

H304 – May be fatal if swallowed and enters airways

H411 – Toxic to aquatic life with long lasting effects

Precautionary Statements:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.

P280 – Wear protective gloves, eye and face protection.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P312 – Call a POISON CENTER or doctor if you feel unwell.

P331 – Do NOT induce vomiting.

P273 – Avoid release to the environment.

P501 – Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | % w/w | Classification |
|-----------------------------|-------------|--------|---|
| Methyl Acetate | 79-20-9 | 50-60% | Flam. Liq. 2 – H225; Eye Irrit. 2A – H319 |
| Heptane | 142-82-5 | 10-20% | Flam. Liq. 2 – H225; Asp. Tox. 1 – H304; STOT SE 3 – H336; Aquatic Chronic 2 – H411 |
| Red Dye* | Proprietary | < 1% | Not classified |
| Non-Hazardous Ingredients** | Proprietary | 20-30% | Not classified |

*Applies to TAC735R products only

**Includes proprietary resin blends, antioxidants, tackifiers, and carrier solvents.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move person to fresh air. If symptoms persist, seek medical attention.

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

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

Ingestion: Do not induce vomiting. Rinse mouth. Call a physician or poison center immediately.

Most Important Symptoms and Effects: Drowsiness, dizziness, eye irritation.

Immediate Medical Attention/Special Treatment: Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide.

Unsuitable Media: Do not use water jet.

Specific Hazards: Highly flammable liquid and vapor. Vapors may form explosive mixtures with air.

Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective gear.

Hazardous Combustion Products: Carbon oxides, irritating fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate ignition sources. Provide adequate ventilation. Use personal protection.

Environmental Precautions: Prevent release to sewers and waterways.

Methods for Cleanup: Absorb with inert material. Collect and dispose in appropriate containers.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid inhalation and contact with skin or eyes. Keep away from ignition sources.

Conditions for Safe Storage: Store in tightly closed container in a cool, well-ventilated place. Ground/bond container and receiving equipment.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Methyl Acetate (ACGIH TLV): 200 ppm TWA, 250 ppm STEL

Heptane (ACGIH TLV): 400 ppm TWA, 500 ppm STEL

Engineering Controls: Ensure adequate ventilation. Use explosion-proof equipment.

Personal Protective Equipment (PPE):

Eye/Face Protection: Safety goggles or face shield

Skin Protection: Chemical-resistant gloves, protective clothing

Respiratory Protection: If ventilation is inadequate, use NIOSH-approved respirator

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear and/or red liquid

Odor: Solvent-like

Odor Threshold: Not available

pH: Not applicable

Melting/Freezing Point: Not available

Boiling Point: >55 °C

Flash Point: -10 °C (closed cup)

Evaporation Rate: Not available

Flammability: Flammable

Vapor Pressure: Not available

Vapor Density: Heavier than air

Relative Density: ~0.80–0.85

Solubility: Insoluble in water

Partition Coefficient (n-octanol/water): Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known under normal conditions.

Conditions to Avoid: Heat, sparks, open flames.

Incompatible Materials: Strong oxidizers, acids.

Hazardous Decomposition Products: Carbon oxides, toxic fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, skin and eye contact, ingestion.

Symptoms: Eye irritation, dizziness, drowsiness.

Acute Toxicity Data:

Methyl Acetate:

Oral (Rat) LD50: 6,482 mg/kg

Inhalation (Rat) LC50 (4h): 16,000 ppm

Dermal (Rabbit) LD50: >5,000 mg/kg

Heptane:

Oral (Rat) LD50: >5,000 mg/kg

Inhalation (Rat) LC50 (4h): 25,000 ppm

Dermal (Rabbit) LD50: >3,000 mg/kg

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Causes serious eye irritation (Methyl Acetate)

Respiratory/Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified
Carcinogenicity: Components not listed by IARC, NTP, OSHA
Reproductive Toxicity: Not classified
STOT (Single): May cause drowsiness or dizziness
STOT (Repeated): Not classified
Aspiration Hazard: May be fatal if swallowed and enters airways

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity Data:

Heptane:

Fish (Pimephales promelas): LC50 (96h) = 4.0 mg/L
Aquatic Invertebrates (Daphnia magna): EC50 (48h) = 1.5 mg/L
Algae (Pseudokirchneriella subcapitata): EC50 (72h) = 3.1 mg/L

Methyl Acetate:

Fish (Oncorhynchus mykiss): LC50 (96h) = 250 mg/L
Daphnia magna: EC50 (48h) = 1026 mg/L
Algae: EC50 (72h) = >120 mg/L

Persistence and Degradability: Expected to be biodegradable

Bioaccumulative Potential: Heptane has potential to bioaccumulate

Mobility in Soil: Moderate mobility in soil

Other Adverse Effects: None known

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose in accordance with local/regional/national regulations. Do not release into the environment.

Container Disposal: Empty containers may retain residue. Follow label warnings even after container is emptied.

SECTION 14 – TRANSPORT INFORMATION

UN Number: UN1133

UN Proper Shipping Name: Adhesive, Flammable Liquid (Methyl Acetate, Heptane)

Transport Hazard Class: 3

Packing Group: II

Labeling Requirements: Flammable Liquid (Class 3); Marine Pollutant label if shipped by sea

Marine Pollutant: Yes (Heptane)

Special Precautions for Users: Avoid temperature extremes. Ensure drums are secured and grounded during transit. Use only approved containers.

Environmental Hazards: Classified as marine pollutant

Transport in Bulk (Annex II of MARPOL 73/78): Not applicable

Additional Requirements: Ensure SDS and emergency response information accompany shipments as per 49 CFR.

SECTION 15 – REGULATORY INFORMATION

United States:

TSCA Inventory: All components listed or exempt.

OSHA: Hazardous chemical as defined by the OSHA Hazard Communication Standard.

SARA 311/312: Fire hazard, Immediate (acute) health hazard

SARA 313: Not subject to reporting under Section 313

Right to Know – State Listings:

Massachusetts: Heptane, Methyl Acetate

New Jersey: Heptane, Methyl Acetate

Pennsylvania: Heptane, Methyl Acetate

California Proposition 65: This product does not contain substances known to the State of California to cause cancer or reproductive harm.

SECTION 16 – OTHER INFORMATION

Revision Date: 04.02.25

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.