

SAFETY DATA SHEET

Trade Name	RC863
SDS #	S-0035 V5
Date of Issue	04/22/2025
Replaces (Date/Revision #)	12/18/2023 – V4
Effective Date	04/22/2025

Section 1 – Identification

Product Name: RC863

Other Means of Identification: RC863R-AA

Product Code Number: RC863-AA, RC863R-AA

Recommended Use: Adhesive/Sealant

Recommended Restrictions: Uses other than described 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 Aerosol – Category 1

Gas Under Pressure – Liquefied 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:



Hazard Statements:

Extremely flammable aerosol
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
Do not spray on an open flame or other ignition source
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)
Propane	74-98-6	10-15%	Flammable Gas (Cat. 1), Simple Asphyxiant
Isobutane	75-28-5	1-5%	Flammable Gas (Cat. 1), Simple Asphyxiant
n-Butane	106-97-8	1-5%	Flammable Gas (Cat. 1), Simple Asphyxiant
Red Dye*	Proprietary	< 1%	Not Classified
Other Non-Hazardous Ingredients	Proprietary	Balance	Not Classified

**Applies to RC863R products only*

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 or spray mist. Use only in well-ventilated areas. Keep away from sparks and open flame

Storage: Store in a cool, well-ventilated area. Do not expose to temperatures above 50°C (122°F). Keep container tightly closed

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
Propane	1000 ppm	1000 ppm
Isobutane	1000 ppm	Not established
n-Butane	1000 ppm	800 ppm

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

PPE: Gloves (nitrile), goggles, organic vapor respirator for spray application in enclosed spaces

Section 9 – Physical And Chemical Properties

Appearance: Clear and/or red liquid

Odor: Solvent-like

Boiling Point: ~56–69°C

Flash Point: <0°C (propellant blend)

Flammability: Extremely flammable

Vapor Pressure: High

VOC Content: 25.43% w/w

Solubility: Slightly soluble in water

Section 10 – Stability And Reactivity

Stability: Stable under normal storage and use conditions

Reactivity: No dangerous reactions known under normal conditions

Conditions to Avoid: Heat, sparks, flames, static discharge

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: CO, CO₂, hydrocarbons

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: Causes irritation

STOT-SE: May cause CNS depression

Aspiration Hazard: Yes (Hexane)

Carcinogenicity: Not listed by IARC, NTP, OSHA

Reproductive Toxicity: Hexane is suspected of damaging fertility

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 persist and bioaccumulate

Environmental Impact: Toxic to aquatic life. Prevent release to environment

Section 13 – Disposal Considerations

Do not puncture or incinerate container. Dispose in accordance with federal, state, and local environmental regulations

Section 14 – Transport Information

UN Number: UN1950

Proper Shipping Name: Aerosols, Flammable (Limited Quantity)

Hazard Class: 2.1

Packing Group: Not applicable

Labeling: Flammable Gas

Limited Quantity: < 1 Liter

Marine Pollutant: Yes (Hexane)

Special Precautions: Keep away from heat and ignition sources

Section 15 – Regulatory Information

TSCA: All components listed or exempt

Right to Know: NJ, PA, MA – Methyl Acetate, Hexane, Propane, n-Butane

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.