

SAFETY DATA SHEET

Trade Name	M-C285 Premium High Temp Neoprene Contact Adhesive
SDS #	S-0099 V4
Date of Issue	3/21/2025
Replaces (Date/Revision #)	05/30/2024 – V3
Effective Date	3/21/2025

SECTION 1: IDENTIFICATION

Product Name: M-C285 Premium High Temp Neoprene Contact Adhesive

Other Means of Identification: M-C285

Product Code Number: M-C285, M-C285R

Recommended Use: Solvent-based Adhesive

Recommended Restrictions: For industrial use only

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)

Company Email:

info@forzabuilt.com

Emergency Phone Number:

Chemtrec 1(800)-424-9300

SECTION 2: HAZARD IDENTIFICATION

GHS Classification:

Flammable Liquids (Category 2) H225

Skin Irritation (Category 2) H315

Eye Irritation (Category 2A) H319
Skin Sensitization (Category 1) H317

Reproductive Toxicity (Category 1) H361fd
Specific Target Organ Toxicity - Single Exposure (Category 3, CNS) H336
Specific Target Organ Toxicity - Repeated Exposure (Category 2) H373
Aspiration Hazard (Category 1) H304

Signal Word: **Danger**

Hazard Pictograms:



Hazard Statements:

H225: Highly flammable liquid and vapor
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
H361fd: Suspected of damaging fertility or the unborn child
H373: May cause damage to organs through prolonged or repeated exposure

Precautionary Statements:

P201: Obtain special instructions before use
P210: Keep away from heat, sparks, open flames, and hot surfaces. No smoking
P240: Ground/bond container and receiving equipment
P260: Do not breathe mist or vapors
P280: Wear protective gloves, protective clothing, eye protection, and face protection
P301 + P310: If swallowed: Immediately call a poison center or doctor
P331: Do not induce vomiting
P370 + P378: In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish
P403 + P235: Store in a well-ventilated place. Keep cool
P405: Store locked up
P501: Dispose of contents and container in accordance with local, regional, national, and international regulations

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration (%)	Classification
Acetone	67-64-1	30-50%	Flam. Liq. 2 (H225), Eye Irrit. 2A (H319), STOT SE 3 (H336)
n-Hexane	110-54-3	10-20%	Flam. Liq. 2 (H225), Repr. 2 (H361f), STOT SE 3 (H336), Asp. Tox. 1 (H304), STOT RE 2 (H373)
Toluene	108-88-3	10-20%	Flam. Liq. 2 (H225), Repr. 2 (H361d), STOT SE 3 (H336), Asp. Tox. 1 (H304), STOT RE 2 (H373)
Hexane, branched & linear	92112-69-1	5-10%	Flam. Liq. 2 (H225), STOT SE 3 (H336), Asp. Tox. 1 (H304), STOT RE 2 (H373)
Methylcyclopentane	96-37-7	5-10%	Flam. Liq. 2 (H225)
Isopropanol	67-63-0	1-5%	Flam. Liq. 2 (H225), Eye Irrit. 2A (H319), STOT SE 3 (H336)
Rosin	8050-09-7	0.1-1%	Skin Sens. 1 (H317)

SECTION 4: FIRST-AID MEASURES

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

Skin Contact: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation persists

Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention if irritation develops

Ingestion: Do not induce vomiting. If victim is conscious, rinse mouth and seek immediate medical attention

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide

Unsuitable Extinguishing Media: Do not use water jet as it may spread the fire

Specific Hazards: Containers may explode in heat. Vapors may travel long distances and ignite

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate ignition sources. Use explosion-proof equipment. Provide adequate ventilation. Avoid breathing vapors.

Environmental Precautions: Prevent runoff into drains, sewers, and waterways. Notify authorities if large spills cannot be contained.

Methods for Containment and Cleaning Up: Contain spill using inert absorbent materials. Collect and place in approved containers for disposal. Dispose of according to local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Use only in well-ventilated areas. Avoid breathing vapors or mist. Keep away from heat, sparks, and flames. Take precautionary measures against static discharge. Use non-sparking tools.

Conditions for Safe Storage: Store in tightly closed containers in a dry, well-ventilated area away from incompatible materials such as oxidizing agents. Store at temperatures below 50°C (122°F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical	OSHA PEL	ACGIH TLV	NIOSH REL
Acetone	1000 ppm	500 ppm	250 ppm
n-Hexane	500 ppm	50 ppm	50 ppm
Toluene	200 ppm	20 ppm	100 ppm
Isopropanol	400 ppm	200 ppm	400 ppm

Engineering Controls: Ensure adequate ventilation, particularly in confined spaces. Use explosion-proof equipment.

Personal Protection: Wear chemical-resistant gloves, safety goggles, flame-resistant clothing, and an approved respirator when necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Red Liquid

Odor: Characteristic solvent odor

Boiling Point: 56-110°C (133-230°F)

Flash Point: -17°C (1°F)

Density: 0.79 g/cm³

Vapor Pressure: 24 kPa at 20°C

Solubility: Negligible in water

Viscosity: Not applicable

VOC Content: 343 g/l

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under normal conditions.

Stability: Stable under normal conditions. Avoid heat, sparks, and flames.

Incompatibilities: Strong oxidizers, acids, alkalis.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, toxic fumes of hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Chemical	LD50 Oral (Rat)	LD50 Dermal (Rabbit)	LC50 Inhalation (Rat)
Acetone	5800 mg/kg	20000 mg/kg	50100 ppm (8h)
n-Hexane	25000 mg/kg	3000 mg/kg	48000 ppm (4h)
Toluene	5000 mg/kg	12000 mg/kg	7585 ppm (4h)
Isopropanol	4396 mg/kg	12800 mg/kg	16000 ppm (4h)

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

Short-Term Effects: Dizziness, headache, nausea, skin irritation.

Long-Term Effects: May cause damage to the nervous system, liver, and kidneys with prolonged exposure.

Carcinogenicity: No component is classified as carcinogenic by IARC, OSHA, or NTP.

SECTION 12: ECOLOGICAL INFORMATION

Chemical	LC50 Fish (96h)	EC50 Algae (72h)	EC50 Daphnia (48h)
Acetone	5540 mg/L	430 mg/L	8800 mg/L
n-Hexane	2.1 mg/L	2.9 mg/L	3.9 mg/L
Toluene	7.63 mg/L	10 mg/L	11.5 mg/L
Isopropanol	9640 mg/L	1200 mg/L	13299 mg/L

Persistence and Degradability: Acetone and Isopropanol degrade rapidly in the environment. Toluene and n-Hexane persist longer.

Bioaccumulation Potential: Low for Acetone and Isopropanol; moderate for Toluene and n-Hexane.

Mobility in Soil: High for Acetone and Isopropanol; moderate for Toluene and n-Hexane.

SECTION 13: DISPOSAL CONSIDERATIONS:

Dispose of product and container in accordance with federal, state, and local regulations. Do not release into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN1133

Proper Shipping Name: Adhesives

Hazard Class: 3 (Flammable Liquid)

Packing Group: II

Labels Required: Flammable Liquid

Marine Pollutant: No

Transport in Bulk (Annex II of MARPOL 73/78 and the IBC Code): Not applicable

Special Precautions: Avoid sources of ignition and ensure containers remain sealed and upright.

International Transport Regulations:

DOT (US): UN1133, Adhesives, 3, PG II

IMDG (Sea Transport): UN1133, Adhesives, 3, PG II, EmS: F-E, S-D

IATA (Air Transport): UN1133, Adhesives, 3, PG II, Limited Quantity permitted

SECTION 15: REGULATORY INFORMATION

TSCA Inventory: All components are listed

SARA 302/304: Not applicable

SARA 311/312: Fire Hazard, Immediate Health Hazard, Chronic Health Hazard

SARA 313: Contains n-Hexane and Toluene

CERCLA: Acetone, n-Hexane, and Toluene have reportable quantities

California Proposition 65: Toluene is listed as a chemical known to cause developmental harm

State Right-To-Know Regulations: The following chemicals are listed on state RTK lists:

State	Chemical	CAS Number
New Jersey	Acetone, n-Hexane, Toluene, Isopropanol	Various
Pennsylvania	Acetone, n-Hexane, Toluene, Isopropanol	Various
Massachusetts	Acetone, n-Hexane, Toluene, Isopropanol	Various

SECTION 16: OTHER INFORMATION

SDS complies with GHS Rev. 5 standards.

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.

Revision Date: 03/21/2025

Prepared by: Forza, Inc.

