

Safety Data Sheet
Top Tier GDI Carbon Foam

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Top Tier GDI Carbon Foam
PRODUCT CODE: 142000000
RECOMMENDED USE: De-carbon Foam
RESTRICTIONS ON USE: None known.
COMPANY NAME: United Armor Products
COMPANY ADDRESS: 1907 Elmwood Avenue, Tampa, FL 33605
COMPANY PHONE: 813-767-9624
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Aerosol Category 1

Skin Irritant: Category 2

Eye Irritant: Category 2A

Specific Target Organ Toxicity (Single Exposure): Category 3

Specific Target Organ Toxicity (Repeated Exposure): Category 2

Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause damage to auditory system through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No Smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn even after use. Protect from sunlight. Do not expose to temperature exceeding 50°C/ 122°F. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves, protective clothing, and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists: Get medical help. IF ON SKIN: wash with plenty of water. If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse IF INHALED: Remove person to fresh air and keep comfortable for breathing. Use only outdoors or in a well-ventilated area. Get medical help if you feel unwell. Do not breathe vapors or spray. Get medical help if you feel unwell. IF SWALLOWED: Get emergency medical help immediately. Do NOT induce vomiting. Store in a well-ventilated place. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Xylene	1330-20-7	10-30%
Isopropyl Alcohol	67-63-0	10-30%
Petroleum gases, liquefied, sweetened	68476-86-8	10-30%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

INGESTION: Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

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SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS: Causes serious eye irritation including redness, tearing, and pain. Causes skin irritation including redness, burning and drying/cracking. Prolonged and repeated inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: May cause damage to the following organs: kidneys, liver, skin. May cause central nervous system (CNS) depression.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

UNSUITABLE EXTINGUISHING MEDIA: Water jets or streams.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Cool containers with water spray.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered ignitable under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Wear proper personal protective equipment when using this product. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: None known.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Xylene	100 ppm	20 ppm
Petroleum gases, liquefied, sweetened	1000 ppm	1000 ppm
Isopropyl Alcohol	400 ppm	400 ppm

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles, chemical resistant gloves and synthetic apron.

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes or clothing. If clothing becomes contaminated, immediately remove and wash. Avoid breathing vapors. Wash hands thoroughly after handling. No smoking or open flames.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Colorless

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ODOR: Solvent
ODOR THRESHOLD: N/D
pH: N/A
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: N/D
EVAPORATION RATE: N/D
FLAMMABILITY (solid/gas): Extremely flammable aerosol.
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
 LOWER FLAMMABILITY LIMIT: N/D
 UPPER FLAMMABILITY LIMIT: N/D
 EXPLOSIVE LIMIT LOWER (%): N/D
 EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 0.70-0.75 @ 77°F (25°C)
SOLUBILITY(IES): N/D
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable under recommended storage conditions.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Temperatures greater than 122 °F (50 °C) and sources of ignition.
INCOMPATIBLE MATERIALS: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Xylenes** (1330-20-7): LD₅₀ (Oral, Rat) 4000 mg/kg; LD₅₀ (Dermal, Rabbit, 24h) 12126 mg/kg; LC₅₀ (Inhalation, Vapor, Mice) 5000 ppm. **Ethyl benzene** (100-41-4) LD₅₀ (Oral, Rat) 3500 mg/kg; LD₅₀ (Dermal, Rabbit) 15500 mg/kg; LC₅₀ (Inhalation, Rat, 4h) 18 mg/L. **Propane** (74-98-6): LC₅₀ (Inhalation, Rat, 4h) 658 mg/L. **Butane** (106-97-8): LC₅₀ (Inhalation, Rat, 4h) 30957 mg/m³.
ROUTES OF ENTRY: Eyes, Inhalation, Skin
EYES: Causes serious irritation, redness, tearing, pain.
INGESTION: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.
INHALATION: May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
SKIN: Causes irritation, redness, dryness with repeated or prolonged exposure.
MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the central nervous system (CNS). Pre-existing disorders of the skin and respiratory system will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Causes serious eye irritation including redness, tearing, and pain. Causes skin irritation including redness, burning and drying/cracking. Prolonged and repeated inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.
CHRONIC HEALTH HAZARDS: May cause damage to the following organs: kidneys, liver, skin. May cause central nervous system (CNS) depression.
CARCINOGENICITY: OSHA: No ACGIH: N/A NTP: N/A IARC: N/A OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Avoid release to the environment. **Xylenes** (1330-20-7): LC₅₀ (*Oncorhynchus mykiss*, 96h) 8 mg/L.
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.
MOBILITY IN SOIL: N/D
OTHER ADVERSE EFFECTS: None known.

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered ignitable under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Cumene** (98-82-8) Reportable Quantity = 5,000 pounds. **Ethyl benzene** (100-41-4) Reportable Quantity = 1000 pounds. **Xylenes** (1330-20-7) Reportable Quantity = 100 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS: **Cumene** (98-82-8). **Ethyl benzene** (100-41-4). **Xylenes** (1330-20-7).

CLEAN WATER ACT: **Cumene** (98-82-8) is a hazardous substance. **Ethyl benzene** (100-41-1) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. **Cumene** (98-82-8): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, IL, MA, MN, NJ, NY, PA, RI, WA, WV, WI. **Ethyl benzene** (100-41-4): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, IL, ME, MA, MN, NJ, NY, PA, RI, WA, WI. **Xylene** (1330-20-7): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, NY, PA, RI, WA. **Isopropyl alcohol** (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MA, MN, NJ, PA, RI, TN. **Propane** (74-98-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, DE, MA, MN, NJ, PA.

INTERNATIONAL REGULATIONS: Canadian Domestic Substance List (DSL): All ingredients are listed.

VOLATILE ORGANIC COMPOUNDS (VOC): 61.4%

NFPA HEALTH: 3

NFPA FLAMMABILITY: 3

NFPA REACTIVITY: 0

NFPA OTHER: None

HMIS HEALTH: 3

HMIS FLAMMABILITY: 3

HMIS REACTIVITY: 0

HMIS PROTECTION: C

SECTION XVI - OTHER INFORMATION

PREPARATION BY: William Bell

DATE PREPARED: 05/20/2025

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REVISION DATE: N/A

N/A = Not Applicable; N/D = Not Determined

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