Safety Data Sheet

1. Product and Company Identification

Product Name: **Aussie Gas Lock 420-FC, Part-B**

Product Use: Epoxy resin component
Uses Advised Against: None known.

Manufacturer: **AVM Industries, Inc**.
8245 Remmet Ave, Canoga Park CA 91304-4133
www.avmindustries.com

Information Phone Number: (818) 888-0050
Emergency Phone Number: Chemtrec 800-424-9300

SDS Date of Preparation: July 31, 2025

2. Hazards Identification

GHS Classification:

Physical:	**Health:**
Not Hazardous	Eye Damage Category 1 Skin Corrosion Category 1C Skin Sensitizer Category 1A Specific Target Organ Toxicity –Repeat exposure Category 2 Germ Cell Mutagenicity Category 2

GHS Label Elements:

Danger**!**

H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H373 May cause damage to kidneys, liver and nervous system through prolonged or repeated exposure.

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe vapors.
P264 Wash hands, forearms and face thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective clothing, eye and face protection, protective gloves.
P301+P330+P331 If swallowed: rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P310 Immediately call a POISON CENTER or doctor/physician.
P364 Wash contaminated clothing before reuse.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P308+P313 IF exposed or concerned: Get medical advice.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local and national regulations.

Hazards not otherwise specified: Toxic to aquatic life with long lasting effects.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Reaction product of cashew nut oil and aliphatic amines*	37330-39-5 / 112-57-2	60-80%
Cashew nut liquid	8007-24-7	10-25%
Tris (dimethylamidomethyl) Phenol	90-72-2	<4%
m-Xylene	1477-55-0	<4%
3-Aminopropyldimethylamine	109-55-7	1-2%
Phenol	108-95-2	<2%
*Cardanol and 3,6,9-triazaundecamethylenediamine		

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Get immediate medical attention.

Skin Contact: Rinse skin with water. Remove immediately all contaminated clothing. Get immediate medical attention. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

Most Important Symptoms: Causes severe skin burns and eye damage. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Inhalation may cause severe irritation or burns to the respiratory track. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause damage to kidneys, liver and nervous system through prolonged or repeated exposure.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is required for all routes of exposure.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical. Do not scatter spilled material with high pressure water streams.

Specific Hazards Arising from the Chemical: Product is not classified as flammable or combustible but may burn under fire conditions. Thermal decomposition will generate Nitrogen oxides, Carbon monoxide and irritating smoke.

Special Fire Fighting Procedures: Use measures appropriate for the fire situation. Cool fire exposed containers with water.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Ventilate spillage area. Do not breathe vapors or mist. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product. Stop leak if safe to do so. Only qualified personnel equipped with suitable protective equipment may intervene. Keep unnecessary and unprotected personnel away from the spillage.

Methods and Materials for Containment and Clean-Up: Dike and contain spill. Absorb spill with inert material, then place in suitable container for disposal.

Environmental Precautions: Avoid release to the environment. Report spills and releases as required to appropriate authorities.

7. Handling and Storage

Precautions for Safe Handling: Products intended to be mixed for immediate use as an adhesive or sealant. Read carefully and follow all instructions. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Do not breathe vapors. Prevent contact with eyes, skin and clothing. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Keep container closed when not in use.

Empty containers may contain product residue and may be hazardous. Follow all SDS precautions in handling empty containers.

Wash contaminated clothing before reuse. Contaminated work clothing must not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, and well-ventilated location. Keep away from high temperatures, and open flames. Store in original container. Keep containers closed when not in use. Store away from incompatible materials: Strong acids, and oxidizers.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Cardanol	None Established
3,6,9-triazaundecamethylenediamine	5 mg/m^3 TWA AIHA&OARs WEELs (Skin)
Cashew nut liquid	None Established
Tris (dimethylamidomethyl) Phenol	None Established
m-Xylene	0.018 ppm Ceiling ACGIH TLV (Skin)
3-Aminopropyldimethylamine	None Established
Phenol	5 ppm TWA ACGIH TLV (Skin) 5 ppm TWA OSHA PEL (Skin)

Appropriate Engineering Controls: Use adequate general or local exhaust ventilation to maintain exposures below applicable occupational exposure limits. Emergency eye wash fountain and safety shower.

Personal Protective Equipment

Respiratory Protection: In operations where the occupational exposure limits are exceeded or exposure levels are excessive, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Gloves: Wear impervious gloves to prevent skin contact. Consult supplier for specific recommendations.

Eye Protection: Wear goggles and a face shield.

Other Protective Equipment/Clothing: Wear protective clothing as needed to prevent skin contact and contamination of personal clothing.

9. Physical and Chemical Properties

Appearance and Odor: Amber liquid with ammoniacal odor.

Physical State: Liquid	**Odor Threshold:** Not determined
pH: 10	**Specific Gravity:** Not determined
Initial Boiling Point/Range: 230 °C (446 °F)	**Vapor Pressure:** 0.2 mmHg
Melting/Freezing Point: Not applicable	**Relative Vapor Density:** Not determined
Solubility In Water: Not determined	**Percent Volatile:** Not determined
Dynamic Viscosity: Not determined	**Evaporation Rate:** Not determined
Kinematic Viscosity: 650 (cP @ 25°C)	**VOC Content:** Not determined
Relative Density: 0.99	**Autoignition Temp:** Not determined
Coefficient Of Water/Oil Distribution: Not determined	**Flammability:** Not applicable
Flash Point: Not determined	**Decomposition Temperature:** Not determined
Flammability Limits: Not determined	**Particle Characteristics:** Not determined

10. Stability and Reactivity

Reactivity: Product is designed to react and harden in contact with Part – A. May react violently with strong oxidizers.
Chemical Stability: Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions: Hazardous reactions will not occur under normal conditions of storage and use.
Conditions to Avoid: High heat and open flames.
Incompatible Materials: Strong acids and oxidizers.
Hazardous Decomposition Products: Carbon oxides, Aldehydes, and Flammable hydrocarbon fragments

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation may cause severe irritation or burns to the respiratory track.

Skin Contact: Causes severe skin irritation and burns. May cause an allergic skin reaction (sensitization). Contains 3,6,9-triazaundecamethylenediamine, Cashew nut liquid, m-Xylene, and 3-aminopropyldimethylamine.

Eye Contact: Causes serious eye damage.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Effects: Suspected of causing genetic defects. May cause damage to kidneys, liver and nervous system through prolonged or repeated exposure.

Carcinogenicity Listing: Not classified. None of the components are listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: Not classified.

Germ Cell Mutagenicity: Suspected of causing genetic defects. Contains phenol.

Specific Target Organ Toxicity -Single Exposure: Not classified.

Specific Target Organ Toxicity -Repeat Exposure: Contains phenol. May cause damage to kidneys, liver and nervous system through prolonged or repeated exposure.

Numerical Measures of Toxicity:

Product: LD50 Oral Rat: >2,200 mg/kg
ATE: Dermal >1,000 mg/kg (Corrosive to skin. Not classified as acutely toxic)

Cardanol: Not acutely toxic.

3,6,9-triazaundecamethylenediamine:
LD50 Oral Rat: 3,990 mg/kg
LD50 Dermal Rabbit: 666 mg/kg (Corrosive to skin)

Cashew nut liquid: LD50 Oral 500 mg/kg (Acute Oral Toxicity Category 4 GHS point estimate value)

Tris (dimethylamidomethyl) Phenol: LD50 Oral Rat: 2,169 mg/kg

m-Xylene: LD50 Oral Rat: 930 mg/kg
LD50 Dermal Rabbit: >3,100 mg/kg
LC50 Inhalation Rat 1.34 mg/l/4hr

3-Aminopropyldimethylamine:
LD50 Oral Rat: 337 mg/kg
LD50 Dermal Rabbit: >1,000 – 2,000 mg/kg (Corrosive to skin)
LC50 Inhalation Rat >4.31 mg/l/4hr

Phenol: LD50 Oral Rat: 340 mg/kg
LD50 Dermal Rabbit: 660 mg/kg

12. Ecological Information

Ecotoxicity:
This product is expected to be Toxic to the aquatic environment with long-term adverse effects.

3,6,9-triazaundecamethylenediamine: Toxic to aquatic life with long lasting effects.

Cardanol: Not expected to be harmful to the aquatic environment.

Cashew nut liquid: Not expected to be harmful to the aquatic environment.

Tris (dimethylamidomethyl) Phenol: 96 hr. LC50 Cyprinus carpio: 175 mg/L

3-Aminopropyldimethylamine: 96 hr. LC50 Leuciscus idus melanotus: 122 mg/L
48 hr. EC50 Daphnia magna: 59.46 mg/L

Phenol: 96 hr. LC50 Oncorhynchus mykiss: 8.9 mg/L .
48 hr. EC50 Daphnia magna: 3.1 mg/L

Persistence and Degradability: Not readily biodegradable.

Bio accumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Safety Data Sheet

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial, and federal regulations. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description:

UN2735 Polyamines, Liquid, Corrosive N.O.S (3,6,9-triazaundecamethylenediamine) Class 8, PG III

IMDG Dangerous Goods Description:

UN2735 Polyamines, Liquid, Corrosive N.O.S (3,6,9-triazaundecamethylenediamine) Class 8, PG III (MP)

IATA Dangerous Goods Description:

UN2735 Polyamines, Liquid, Corrosive N.O.S (3,6,9-triazaundecamethylenediamine) Class 8, PG III

Transport in Bulk According to IMO Instruments: Not applicable.

Special Precautions for User: Not applicable

15. Regulatory Information

United States:

EPA TSCA INVENTORY: All the components in this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Classified under OSHA HCS 2024 GHS as per Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

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

16. Other Information

DATE OF CURRENT REVISION:	July 31, 2025
REVISION SUMMARY:	New SDS
DATE OF PREVIOUS REVISION:	N/A

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