

Safety Data Sheet

1. Product and Company Identification

Product Name: Aussie Gas Lock 420-FC, Part-A

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 Irritation Category 2A Skin Irritation Category 2 Skin Sensitizer Category 1

GHS Label Elements:

Warning!



H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

P261 Avoid breathing vapors.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing, and eye protection.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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

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

P337+P313 - If eye irritation persists: Get medical advice or attention

P501 Dispose of contents and container in accordance with local and national regulations.

Hazards not otherwise specified: None.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
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Modified epoxy resin*	25068-38-6 / 2095-03-6	90-100%
* 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, and 2,2'-[methylenebis(p-phenyleneoxymethylene)]bisoxirane		

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

4. First Aid Measures

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Skin Contact: Remove contaminated clothing. Wash the contact area thoroughly with soap and water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Eye Contact: Flush eyes thoroughly with large quantities of water for several minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do and continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth with water. Seek medical attention if you feel unwell.

Most Important Symptoms: Direct contact with eyes causes serious eye irritation. May cause skin sensitization. Inhalation may cause mild irritation to mucous membranes and respiratory tract.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is generally not required.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use any extinguishing media that is appropriate for the surrounding fire. 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 Phenolic compounds, 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. Avoid contact with eyes, skin and clothing. Only qualified personnel equipped with suitable protective equipment may intervene.

Methods and Materials for Containment and Clean-Up: Cover with an inert absorbent material and collect into an appropriate container for disposal.

Environmental Precautions: 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. Ensure adequate ventilation. Avoid breathing vapors. Avoid 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.

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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 should 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, Stainless steel or carbon steel. Do not store in: Copper. Copper alloys. Brass. Bronze. Avoid moisture. Keep containers closed when not in use. Store away from incompatible materials: Strong acids, strong bases, and oxidizers.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Modified epoxy resin	None Established

Appropriate Engineering Controls: Use adequate general or local exhaust ventilation to maintain exposures below applicable occupational exposure limits.

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 avoid skin contact.

Eye Protection: Wear safety goggles or safety glasses with side shields.

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

9. Physical and Chemical Properties

Appearance and Odor: Clear liquid with irritating odor.

Physical State: Liquid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: Not determined
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not applicable
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: Not determined	VOC Content: Not determined
Relative Density: 1.14 – 1.20	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 – B. May react violently with strong oxidizers. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Product absorbs carbon dioxide from the air.

Chemical Stability: Stable under normal storage and handling conditions. Exposure to elevated temperatures can

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cause product to decompose.

Possibility of Hazardous Reactions: Hazardous reactions will not occur under normal conditions of storage and use.

Conditions to Avoid: High heat and open flames. Moisture.

Incompatible Materials: Copper, aluminum, zinc. Strong acids, bases, and oxidizers.

Hazardous Decomposition Products: Carbon oxides, Aldehydes, and Flammable hydrocarbon fragments

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation of vapors or mists may cause mucous membrane and respiratory irritation.

Skin Contact: Cause May cause an allergic skin reaction (sensitization). Contains 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, and 2,2'-[methylenebis (p-phenyleneoxymethylene)] bisoxirane.

Eye Contact: Causes serious eye irritation.

Ingestion: No adverse effects are known for ingestion.

Chronic Effects: None known.

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: Not classified.

Specific Target Organ Toxicity -Single Exposure: Not classified.

Specific Target Organ Toxicity -Repeat Exposure: Not classified.

Numerical Measures of Toxicity:

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane:

LD50 Oral Rat: >2,000 mg/kg

LD50 Dermal Rabbit: 3,762 mg/kg

2,2'-[methylenebis(p-phenyleneoxymethylene)]bisoxirane: Not acutely toxic.

12. Ecological Information

Ecotoxicity:

This product is expected to be very toxic to the aquatic environment with long-term adverse effects.

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane:

96 hr. LC50 Oncorhynchus mykiss: 1.41 mg/L .

48 hr. EC50 Daphnia magna: 2.8 mg/L

2,2'-[methylenebis(p-phenyleneoxymethylene)]bisoxirane: Very toxic to aquatic life with long lasting effects.

Persistence and Degradability: Not readily biodegradable.

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Bio accumulative Potential: Not expected to be bio accumulative.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

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: Not regulated.

IMDG Dangerous Goods Description:

UN3082 Environmentally Hazardous Substance, Liquid, N.O.S (Modified Epoxy Resin) Class 9, PG III (MP)

IATA Dangerous Goods Description:

UN3082 Environmentally Hazardous Substance, Liquid, N.O.S (Modified Epoxy Resin) Class 9, 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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