

ATI Soot Sealer Air Duct Adhesive

SAFETY DATA SHEET

3.2 Mixtures

Hazardous components

1. Aluminum chloride, basic

Concentration > 10 - < 20 % (weight)
CAS no. 1327-41-9

- Eye damage/irritation, Cat. 2A

H319 Causes serious eye irritation

2. Dipropylene glycol monomethyl ether

Concentration > 5 - < 10 % (weight)
EC no. 252-104-2
CAS no. 34590-94-8

- Flammable liquids, Cat. 4

H227 Combustible liquid

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
In case of skin contact	Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.
If swallowed	Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

For Containment: Collect spillage.

Methods for Cleaning Up: Absorb and/or contain spill with inert material, then place in suitable container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Use good housekeeping practices during storage, transfer and handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Dipropylene glycol methyl ether (CAS: 34590-94-8 EC: 252-104-2)

PEL (Inhalation): 600 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 100 ppm, (ST) 150 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Chemical goggles or safety glasses.

Skin protection

Wear suitable protective clothing.

Respiratory protection

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Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Green Liquid
Odor	Mild
Odor threshold	Not available
pH	3.5-5.5
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	>200F
Evaporation rate	Not available
Flammability (solid, gas)	Not flammable
Upper/lower flammability limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.05-1.08
Solubility(ies)	Water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	As water
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10: Stability and reactivity

10.2 Chemical stability

Stable under recommended handling and storage conditions

10.5 Incompatible materials

Strong oxidizing agents, alkali materials

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Not expected to cause irritation

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Does not contain sensitizers

SECTION 12: Ecological information

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Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal of the product

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Disposal of contaminated packaging

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

Pennsylvania Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

Massachusetts Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Chronic Health Hazard

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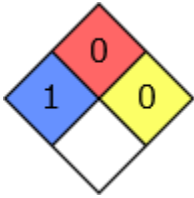
California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.