

Safety Data Sheet

according to 29 CFR1910/1200 and GHS Rev. 3

Effective date: 10.24.2014

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Airseal 22

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: Airseal 22 (AS-22)

Manufacturer/Supplier Trade name: AS-22, Water-borne adhesive.

Manufacturer/Supplier Article number: Airseal 22

Recommended uses of the product and restrictions on use: Insulation Adhesive.

Manufacturer Details:

Polymer Adhesives Sealant Systems

501 Garrett Morris Parkway

Mineral Wells, TX 76067

Tel: 888-721-7325

Emergency telephone number: Chemtrec: 1-800-424-9300

SECTION 2: Hazards identification

Classification of the substance or mixture:

Not classified for physical or health hazards under GHS.

Hazard statements:

None

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P103: Read label before use.

P201: Obtain special instructions before use.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P263: Avoid contact during pregnancy/while nursing.

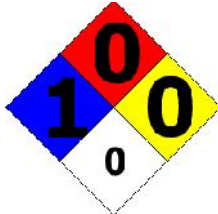
P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P308+313: IF exposed or concerned: Seek medical advice/attention.

Other Non-GHS Classification:

NFPA/HMIS



NFPA SCALE (0-4)

0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	C

HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

Ingredients:

CAS#	Description	Wt. %
CAS 85535-85-9	Chlorinated Paraffin	4.5-5.5 %
CAS 67-56-1	Methanol	1-1.5 %
CAS 1336-21-6	Ammonium Hydroxide	0.1-1 %
CAS 13463-67-7	Titanium Dioxide	<0.5 %

Percentages are by weight

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SECTION 4: First aid measures

Description of first aid measures:

After inhalation: Seek medical assistance if cough or other symptoms appear.

After skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention if irritation, discomfort, or vomiting persists.

Most important symptoms and effects, both acute and delayed: No additional information.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None known

Special hazards arising from the substance or mixture: None known

Advice for firefighters:

Protective equipment:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Use NIOSH- approved respiratory protection/breathing apparatus.

Additional information (precautions): Avoid contact with skin, eyes, and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions: Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and removal:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations.

Reference to other sections: No additional information

SECTION 7: Handling and storage

Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed.

SECTION 8: Exposure controls/personal protection



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Control Parameters:	67-56-1, Methyl Alcohol, NIOSH REL: TWA 200 ppm (260 mg/m ³) ST 250 ppm (325 mg/m ³) [skin] 67-56-1, Methyl Alcohol, OSHA PEL†: TWA 200 ppm (260 mg/m ³) 1336-21-6, Ammonium Hydroxide as ammonia, NIOSH REL: TWA 25 ppm (18 mg/m ³) ST 35 ppm (27 mg/m ³) 1336-21-6, Ammonium Hydroxide as ammonia, OSHA PEL†: TWA 50 ppm (35 mg/m ³)
Appropriate Engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
Respiratory protection:	Not required under normal conditions of use.
Protection of skin:	Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Eye protection:	Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.
General hygienic measures:	Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing.

SECTION 9: Physical and chemical properties

Appearance (physical state, color):	White or grey paste	Explosion limit lower: Explosion limit upper:	Not applicable. Not applicable
Odor:	Slight ammoniacal	Vapor pressure:	Not determined
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	8.0-9.5	Relative density:	1.3-1.5
Melting/Freezing point:	Not determined	Solubilities:	Material is water soluble
Boiling point/Boiling range:	100 °C	Partition coefficient (n-octanol/water):	Not determined
Flash point (closed cup):	Not applicable	Auto/Self-ignition	Not determined
Evaporation rate:	Less than 1	Decomposition temperature:	Not determined
Flammability (solid, gaseous):	Not applicable	Viscosity:	a. Kinematic: Not determined b. Dynamic: Not determined
Density: Not determined			

SECTION 10: Stability and reactivity

Reactivity: Non-reactive under normal conditions
Chemical stability: Stable under normal conditions
Possible hazardous reactions: None known
Conditions to avoid: None known
Incompatible materials: None known
Hazardous decomposition products: None known

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SECTION 11: Toxicological information

Acute Toxicity:	
Oral:	Methyl Alcohol - Oral [Rat] 5628mg/kg
Dermal:	Methyl Alcohol - Dermal [Rabbit] 15840 mg/kg
Oral:	Ammonium Hydroxide - Oral [Rat] 350 mg/kg
Oral:	Chlorinated Paraffin-Oral (Rat) 4000 mg/kg
Chronic Toxicity: No additional information	
Corrosion Irritation: No additional information	
Sensitization:	No additional information
Single Target Organ (STOT):	No additional information
Numerical Measures:	No additional information
Carcinogenicity:	Substance: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Substance: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Mutagenicity:	No additional information
Reproductive Toxicity:	No additional information

SECTION 12: Ecological information

Ecotoxicity: None known

Persistence and degradability: None known

Bioaccumulative potential: None known

Mobility in soil: None known

Other adverse effects: None known

SECTION 13: Disposal considerations

Waste disposal recommendations:

Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. This product in its manufactured form is not considered a RCRA hazardous waste as per US EPA criteria (40 CFR 262.11.) Other applicable State, Provincial and Local regulatory criteria may designate a specified characterization and should be considered prior to product treatment or disposal.

SECTION 14: Transport information

UN-Number: Not Regulated

UN proper shipping name: Not Regulated

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazard: Not applicable

Transport in bulk: Not Regulated

Special precautions for user: Not applicable

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SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings): None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings):

67-56-1 Methyl Alcohol

1336-21-6 Ammonium Hydroxide

RCRA (hazardous waste code): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Polymer Adhesive hereunder are given gratis and Polymer Adhesive assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

ACGIH: American Conference of Governmental Industrial Hygienists.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

NFPA: National Fire Protection Association (USA).

HMIS: Hazardous Materials Identification System (USA).

WHMIS: Workplace Hazardous Materials Information System (Canada).

DNEL: Derived No-Effect Level (REACH).

PNEC: Predicted No-Effect Concentration (REACH).

CFR: Code of Federal Regulations (USA).

SARA: Superfund Amendments and Reauthorization Act (USA).

RCRA: Resource Conservation and Recovery Act (USA).

TSCA: Toxic Substances Control Act (USA).

NPRI: National Pollutant Release Inventory (Canada).

DOT: US Department of Transportation.

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