

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date: 10.24.2014

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Glasstack 25

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

Product name: Glasstack 25

Manufacturer/Supplier Trade name: GT 25, Water-borne adhesive.

Manufacturer/Supplier Article number: Glasstack 25.

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

Manufacturer/Supplier Details:

Polymer Adhesives Sealant Systems, Inc.

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

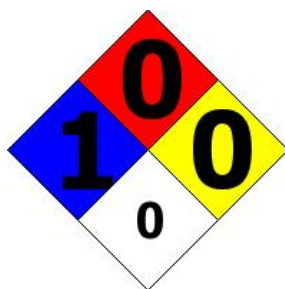
Precautionary statements:

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

P103: Read label before use.

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	X

HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Description: Insulation Adhesive

Hazardous components: None of the components are classified under GHS regulations.

SECTION 4: First aid measures

Description of first aid measures:

After inhalation: Obtain 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.

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

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: No additional information available

Special hazards arising from the substance or mixture: No additional information available

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 cleaning up:

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.

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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



Control Parameters:

67-56-1, Methyl Alcohol, NIOSH REL: TWA 200 ppm (260 mg/m³) ST 250 ppm (325 mg/m³) [skin]
67-56-1, Methyl Alcohol, OSHA PEL†: TWA 200 ppm (260 mg/m³)
1336-21-6, Ammonium Hydroxide as ammonia, NIOSH REL: TWA 25 ppm (18 mg/m³) ST 35 ppm (27 mg/m³)
1336-21-6, Ammonium Hydroxide as ammonia, OSHA PEL†: TWA 50 ppm (35 mg/m³)

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 EN166(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):	Liquid, White or Black	Explosion limit lower: Explosion limit upper:	Not determined
Odor:	Slight ammoniacal	Vapor pressure:	Not determined
Odor threshold:	Not determined	Vapor density:	<1
pH-value:	8.0-9.5	Relative density:	Not determined
Melting/Freezing point:	0°C	Solubilities:	soluble in water
Boiling point/Boiling range:	100C	Partition coefficient (n-octanol/water):	Not determined
Flash point (closed cup):	Not determined	Auto/Self-ignition temperature:	Not determined

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Evaporation rate:	less than 1	Decomposition temperature:	Not determined
Flammability (solid,gaseous)	None	Viscosity:	a. Kinematic: Not determined b. Dynamic: 2000-4000cps
Density: 1.0-1.3			

SECTION 10: Stability and reactivity

Reactivity: Non-reactive under normal conditions

Chemical stability: Stable under normal conditions

Possible hazardous reactions: None under normal processing

Conditions to avoid: No additional information

Incompatible materials: No additional information

Hazardous decomposition products: No additional information available

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
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: No additional information

Persistence and degradability: No additional information

Bioaccumulative potential: No additional information

Mobility in soil: No additional information

Other adverse effects: No additional information

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SECTION 13: Disposal considerations

Waste disposal recommendations:

Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage.

SECTION 14: Transport information

UN-Number: Not Regulated
UN proper shipping name: Not Regulated
Transport hazard class(es): Not Regulated
Packing group: Not Regulated
Environmental hazard: Not Regulated
Transport in bulk: Not Regulated
Special precautions for user: Not Regulated

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.

GHS Full Text Phrases: 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).

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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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