

Chemical Product and Company Identification

Description:	Green Glue constrained layer damping adhesive
Product Type:	Latex based damping adhesive

Manufacturer/Supplier Information:
MSDS Prepared by: Green Glue Company, LLC 2441 Great Northern Drive Fargo, ND 58102

Emergency Phone Number: None Given
For additional health, safety or regulatory information, to place an order, or request additional MSDS call 989-832-1602.

02. Composition, Information on Ingredients

Before using, Handling, or Exposure to these ingredients, read and understand the MSDS.

Name:	CAS number:	Percent by weight:
Alkana diol	Not available	<3%
Ammonia:	7664-41-7	0-0.5%
2-Amino-2-Methyl-1-Propanol	124-68-5	0-0.5%

03. Hazards Identification

Emergency Overview		HMIS Rating	
Appearance:	thin, light green paste	Health:	1 (slight)
Odor:	Slight ammonia to no odor	Flammability:	0 (minimal)
Fire Hazard	Not a Significant fire Hazard	Chronic:	0 (minimal)

03.1 Potential Health Effects

Immediate Hazards	
Ingestion:	Potential irritant, do not ingest
Inhalation	Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs. Pail may have slight ammonia odor when opened after storage.
Skin:	May cause irritation on prolonged or repeated contact, brief contact is not anticipated or shown to cause irritation.
Eyes:	May cause irritation.

03.2 Delayed Hazards

None known to company

04. First Aid Measures

Immediate Hazards	
Ingestion:	If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.
Inhalation	Remove to fresh air.
Skin:	In case of contact, flush with water and wash until clean. If material is noticed on skin before dry, wash prior to material drying if at all possible.
Eyes:	Immediately flush eyes with plenty of water. Call a physician if irritation persists.

05. Fire Fighting Measures

Auto ignition Temperature:	Not available
Upper/Lower Flammable Limits:	Not available
Up/Lower Explosive Limits, % by Vol:	Not applicable
Flash Point:	Not available
<i>Material is incombustible as supplied, but dried material will support combustion. In case of fire, water should be used to keep fire-exposed containers cool.</i>	

06. Accidental Release Measures

Soak up with absorbent material and remove to a chemical disposal area. Prevent entry into natural bodies of water.

07. Handling and Storage

07.1 Handling	
Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).	
Inhalation:	Avoid prolonged or repeated breathing of vapor.
Skin:	Utilize gloves to avoid skin contact.
Ingestion:	Do not intentionally ingest material.
07.2 Storage	
Keeping from Freezing	
Store in a cool, dry place.	
Keep containers tightly closed	

08. Exposure Controls/Personal Protection

08.1 Exposure Controls	
If airborne contaminants are generated when the material is heated or handled, ventilation should be provided to keep air contaminant concentration levels below applicable limits. Airborne material should not ever occur under normal handling.	
08.2 Personal Protection	
Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Wear water-impervious gloves as required to prevent skin contact during all use. Latex gloves work nicely.	

08.3 Exposure Guidelines

Airborne Exposure Limits	
For Ammonia:	
- OSHA Permissible Exposure Limit (PEL)	50 ppm (TWA)
- ACGIH Threshold Limit Value (TLV)	25 ppm (TWA), 35 ppm (STEL)
Toxicity Data:	
Data is not available for toxicity or irritation. The low toxicity and non-reactive nature of the components used to make the product imply that the product probably has very low toxic potential. The product is not a listed carcinogen. This product should be used as recommended above, but only under extraordinary conditions would enough ammonia volatilize to approach the recommended levels.	

09. Physical and Chemical Properties

Percent Volatiles:	25-40
pH @ 25 C:	7-10
Specific Gravity:	1.03-1.08
Appearance:	Light green colored thin paste
Autoignition Temperature:	Not applicable
Boiling Point:	100 deg C
Vapor Density (Air=1):	< 1
Vapor Pressure:	mm Hg @ 20 C
Evaporation Rate (Butyl Acetate=1):	< 1
Upper/Lower Flammable Limits:	Not applicable
Up/Lower Explosive Limits, % by Vol:	Not applicable
Flash Point:	Not applicable
Freezing Point:	0 deg C
Odor:	Slight ammonia
Odor Threshold, ppm:	Not applicable
Solubility in Water:	Dispersible with stirring

10. Stability and Reactivity

Stability & Reactivity:	Stable
Incompatibles:	Strong acids and alkaline materials (may cause gellation).
Decomposition Products may include:	CO, CO2
Hazardous Polymerization:	Will not occur.
Other Hazards:	None known

11. Toxicological Informations

Chronic/Carcinogenicity:	no
LD50:	Not available

12. Ecological Information

Not Determined

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.
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14. Transport Information

Not Regulated

15. Regulatory Information (Selected Regulations)**15.1 U.S. Federal Regulations:**

Canadian Regulatory Information:	This product is not classified as hazardous under WHMIS.
VOC:	<5 gram per liter (calculated)

TSCA Section 8(b) Inventory

All reportable chemical substances are listed on the TSCA Inventory or is governed by CFR (Code Federal Regulation) section 40 CFR 723.250, "Benign exemption", exempting it from mandate of TSCA registry. We rely on certifications of compliance from our suppliers.

16. Other Information**User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Trained, educated workers are your companies greatest safety asset.

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