SAFETY DATA SHEET

Section 1: Identification

1.1 **Product Identifier**

Product Name: Epoxy Tile Grout, Part A and Part B
Model: ETG

1.2 **Intended Use**

Application: Grout

1.3 The Supplier:

Contact: Demexgrout LLC
1942 Broadway St, Ste 314C
Boulder, CO 80302
T: 201-367-8945
info@demexgrout.com

1.4 **Emergency Telephone Number:**

Emergency: Chemical Emergency Support VelocityEHS 888-255-3924

Section 2: Hazard Identification

Classification of the Substance per 29 CFR 1910.1200:

Skin Corrosion C1
Eye Damage C1
Skin Sensitization: C1

GHS Label:

Signal Word: Danger

Hazard Statement: Cause skin corrosion/irritation. May cause allergic skin reaction. Cause severe eye damage. Harmful if swallowed.

Precautionary Statements: Do not get in eyes, on skin, or on clothing. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of reach of children. Store in a well-ventilated place. Dispose of

contents / container to local, state and federal regulations.

Hazards Not Otherwise Specified: Not applicable.

Unknown Acute Toxicity: Not applicable.

Section 3: Composition/Information on Ingredients

The product comprises a Part A and a Part B; one part contains the reactive resins, while the other contains the curing agent or "hardener".

Part A

Chemical Name	CAS NO.	Concentration %
Epoxy resin	25068-38-6	85-95
Silicon dioxide gas	112945-52-5	5-10
Benzyl alcohol	100-51-6	0-5

Part B

Chemical Name	CAS NO.	Concentration %
Alicyclic amine	2579-20-6	3-4
Aliphatic amine	9046-10-0	4-5
Epoxy resin	25068-38-6	15-25
Silicon dioxide gas law	112945-52-5	2-6
Additives	-	5-10
Benzyl alcohol	100-51-6	30-50

Section 4: First-aid Measures

Skin Contact: Remove contaminated clothing and shoes. Rinse skin thoroughly with mild soap and water. If symptoms persist, get medical attention.

Eyes Contact: Immediately lift the eyelid and flush the eye with plenty of water for at least 15 minutes. Get medical treatment immediately.

Inhalation: Move the victim to the fresh air. If breathing stops, give mouth-to-mouth breathing. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Rinse immediately with water and drink plenty of water. Do not induce vomiting. Get medical attention.

Section 5: Fire-fighting Measures

Flammability: Not considered flammable/combustible but may burn at high temperatures.

Extinguishing Media: Foam, dry powder, carbon dioxide. Water is not effective.

Precautions and Measures to Extinguish Fire: Fire fighters must wear full-length fire and gas protective clothing to fight the fire on the upwind. Move the container from the fire field to the open area whenever possible. Use foggy, water-cooled but exposed containers. If the substance or contaminated fluid enters waterways, notify downstream users of potential water pollution and notify local health, fire and pollution control authorities.

Harmful Decomposition: When heated to the decomposition temperature, the product releases poisonous gases such as carbon monoxide, carbon dioxide and unknown hydrocarbons such as phenol.

Section 6: Accidental Release Measure

Emergency Handling: See part 8 for proper protective equipment for emergency personnel.

Elimination Method: If there is a large overflow, cover the drain entrance and build protective levees to prevent the overflow from flowing into the sewer or water environment. Seal the container. Unsecured personnel were evacuated from the hazardous site. Extinguish all ignition sources. Air the workplace with fresh air. If a large amount of overflow or overflow in restricted space, use mechanical ventilation to disperse and discharge steam. Cover with an inorganic absorbent. Collect the residual solution and put it in the container. Discard the collected material as soon as possible.

Section 7: Handling and Storage

Handling: Stay away from high heat, fire and heat. Eating, drinking and smoking are strictly prohibited in the operation, storage and processing areas. Wash your hands and face before eating, drinking and smoking. Avoid contact with eyes, skin, and clothing. Do not inhale air or steam. Avoid direct release into the environment. The water is stored in the original container according to the product label and product safety data sheet. Keep the container sealed when not in use. Empty containers may still have harmful residues.

Storage: Store in a cool, ventilated, sunless warehouse. Stay away from fire and heat. Should be stored separately from oxidizer, acid, alkali and feed, keep in mind to store. When not in use, the container should be kept sealed. Check all containers regularly to make sure the labels are clear and the containers are not damaged or leaking. Large quantity of storage should be equipped with the corresponding variety and quantity of fire equipment and ventilation facilities.

Section 8: Exposure Controls/Personal Protection

Control Parameters: No correlation method.

Appropriate Engineering Controls: Avoid breathing in steam. Provide adequate ventilation during use. If you are in an unventilated area, provide mechanical ventilation. Provide safe shower and eyewash equipment.

Respiratory System Protection: It is generally used in a well-ventilated environment without special production. Consider using appropriate respirators unless smoke or steam is produced during use.

Eye/Face Protection: Wear chemical safety glasses if there is a risk of eye penetration. Contact lenses are not recommended at work.

Skin Protection: To prevent skin contact, wear overalls and gloves made of the following materials: butyl, butyronitrile, or PVC.

Physical Protection: Pay attention to personal hygiene.Wash your hands before eating, drinking and smoking after handling the product. Wash working clothes and protective clothing equipment frequently.

Section 9: Physical and Chemical Properties

	Part A	Part B
Physical State:	Liquid	Liquid
Odor:	Faint Odor	Faint Odor
Color:	Colorless and transparent	Different colors
Vapor Pressure:	Not Available	1 mbar at 20℃
Melting Point:	Not Available	-40℃
Boiling Point:	Not Available	200℃
pH:	Not Available	11
Relative Density:	1.16 g/cm^3 at 20℃	0.97 g/cm^3 at 20℃
Viscosity:	Not Available	26.5 mm^2/s at 25℃
Flash Point:	>101℃ open	>120℃ open
Ignition Point:	Not Available	235℃
Solubility:	Insoluble in water	Insoluble in water
Upper Limit of Flammable Explosion in Air:	Not Available	1.9%
Lower Limit of Flammable Explosion in Air:	Not Available	0.4%

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal use and reacts violently with strong oxidizer and amine.

Conditions to Avoid: High heat, open fire, sources of ignition.

Incompatible Materials: Strong oxidizer, strong acid, strong alkali, amine, heat, ignition, water.

Hazardous Decomposition: Not available.

Decomposition Products: Carbon monoxide, carbon dioxide, aromatic compounds and other unknown hydrocarbons.

Polymerization Products: No polymerization.

Section 11: Toxicological Information

Acute Toxicity:	Agent A LD50: > 5000 mg/kg (Oral, Rats) LD50: > 5000 mg/kg (Dermal, rabbits)	Agent B LD50: 200-2000 mg/kg (Oral, Rats) LD50: >983 mg/kg (Dermal, Rabbits)
Skin Corrosion/Irritation:	Not available.	
Eye Damage/Irritation:	Not available.	
Thrill:	Not available.	
Chronic Toxicity:	Bpa may cause skin irritation. In the event of an allergy, even very low doses can lead to it later. People with a history of skin and lung disease may become sicker after contact with the product.	
Sensitization:	It has been confirmed that bisphenol A liquid epoxy resin may cause allergic reactions in laboratory animals due to sensitization, inhalation or skin contact.	
Carcinogenicity:	All ingredients in this product are not listed as carcinogenic by the us toxicology program(NTP), the international agency for research on cancer(IARC), the US occupational safety and health administration (OSHA) and EU directive 67/548/EEC. There is no relevant evidence to prove that this product can cause cancer risk during use.	
Mutagenicity:	According to the existing data, there is no evidence to confirm the mutagenicity of this product.	
Reproduction Toxicity:	According to the data available at present, there is no evidence of reproductive toxicity.	

Section 12: Ecological Information

Environment Assessment: Normal use and discard will not adversely affect the environment.

Mobility in Soil: Mobile liquid. It does not dissolve in water.

Persistence and Degradability: Not easily biodegradable.

Bioaccumulative Potential: Has the potential to accumulate toxicity in vivo.

Toxicity: Poisonous to fish, water fleas and algae.

Section 13: Disposal Considerations

Nature of Waste: Non-hazardous waste.

Disposal Method: It can be disposed of in accordance with the method of disposing household waste. Refer to the relevant national, local environmental protection department regulations.

Section 14: Transport Information

Regulatory information: UN Recommendations on the Transport of Dangerous Goods Model Regulations (Rev. 22), IMDG code International Maritime Dangerous Goods codes (40-20).
Conclusions: Unrestricted goods.

Section 15: Regulatory Information

Regulatory information: Domestic chemical safety management regulations: chemical dangerous goods safety management regulations, the chemical dangerous goods safety management regulations, implementing rules, using chemicals workplace safety regulation such as laws and regulations, for the safe use of hazardous chemicals, happen, storage, transportation, loading and unloading, etc are made the corresponding provisions.

Section 16: Other Information

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Disclaimer: The information is based on a 3rd testing agency and our current knowledge. However, it should not be construed as guaranteeing any property of this product, and we disclaim all liability for any harmful effects.