

SAFETY DATA SHEET

1. Identification

Name of the product: GRAND TECHNOLOGY GLACIER 25% FLOOR FINISH

Recommended use: Floor Finish

Manufacturer:

Grand Technology, Inc.

P.O. Box 87

Marlboro, NJ 07746

Product Technical Information: 1-732-786-9112

Medical/Handling Emergency: INFOTRAC 1-800-535-5053

Transportation Emergency: 1-877-777-7244

2. Hazard(s) identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Not classified according to current models

Label elements: Symbol: None

Signal word: **CAUTION**

Hazard statements: May cause eye irritation.

Precautionary statements:

Wash hands, face and any skin contact thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: Not applicable

Disposal: Not applicable

Other Hazards: Prolonged contact with 2-(2-Ethoxyethoxy)-ethanol may cause central nervous system effects or effects to liver or kidney. In poorly ventilated areas, may cause respiratory tract irritation.

Other Information: Keep out of reach of children

3. Composition / Information on ingredients

CHEMICAL NAME	CAS NUMBER	WEIGHT %
Acrylate co-polymer	Not available	15 – 25%

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2-(2-Ethoxyethoxy) ethanol	111-90-0	1 – 5%
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4. First-aid measures

Inhalation:

If adverse effects such as dizziness, nausea or irritation are noted, move person to fresh air. Contact a physician if you feel unwell.

Skin contact:

Wash with soap and water. Get medical attention if irritation persists after washing.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician if you feel unwell.

5. Firefighting measures

Suitable extinguishing media: Use media most appropriate for surrounding fire. Product is not a fire hazard.

Specific hazards in case of fire: May decompose upon heating to produce oxides of carbon.

Special protective equipment and precaution for fire fighters: For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

6. Accidental release measures

Personal precautions:

Prevent contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental precautions:

Do not release to the environment or water source.

Methods and materials for containment and cleaning up:

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Halt spill at source and contain or dike spill with sand or inert absorbent material. Transfer any liquid to containers for recovery or disposal. Collect used absorbent into drums for disposal in accordance with all applicable local and national regulations.

7. Handling and storage

Precautions for safe handling:

Avoid contact with skin and eyes; wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including incompatibilities:

Store locked up in a dry, well ventilated location at room temperature. Keep from freezing. Keep container closed and maintain all original markings and labels. Keep out of reach of children. Avoid acids, oxidizers, salts.

8. Exposure controls / personal protection

Exposure Limits:

Ingredient(s)	CAS#	AIHA (WEEL)	OSHA
2-(2-Ethoxyethoxy) ethanol	111-90-0	25 ppm TWA	Not established

Ventilation:

Proper ventilation in accordance with good industrial hygiene should be provided.

Respiratory protection:

None required in under normal conditions of use.

Eye protection:

Wear approved safety glasses with side shields.

Skin protection:

Wear chemical resistant gloves.

Work hygienic practices: Cleanse skin thoroughly after contact, before breaks and meals and at the end of the work shift.

9. Physical and chemical properties

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Physical state: Liquid

Color: Milky white

Odor: Mild

pH: 7.0 – 9.5

Freezing Point: 32 °F initial

Initial boiling point: 212 °F

Flash point: Not applicable

Evaporation rate (Water=1): Slower than water

Upper flammability limit: No data available

Lower flammability limit: No data available

Vapor pressure: Similar to water

Vapor density (Water Vapor=1): Similar to water

Specific gravity: 1.03 to 1.04

Solubility: Miscible in water

Partition coefficient: No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Volatile Organic Compounds (VOC): < 1%

Viscosity: Similar to water

10. Stability and reactivity

Chemical stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Temperatures 130 °F or below 32 °F.

Materials to avoid: Acids, oxidizing agents and salts.

Hazardous decomposition products: Thermal decomposition may produce oxides of carbon.

11. Toxicological information

Likely routes of exposure: Eyes, skin, ingestion.

Symptoms of exposure:

Eye contact: May cause eye irritation

Skin contact: May cause skin irritation

Inhalation: May cause irritation to the respiratory system.

Ingestion: May cause GI discomfort, diarrhea

Immediate, delayed, chronic effects:

Product information: No data available

Target organ effects: Eyes, skin, GI tract

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Carcinogenicity:

This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

Irritation:

This product may be an eye irritant. Not a skin sensitizer.

Component acute toxicity information:

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
2-(2-Ethoxyethoxy) ethanol 111-90-0	6,031 mg/kg (rat)	9,143 mg/kg (rabbit)	>5.24 mg/L (rat), 8 h

12. Ecological information

Ecotoxicity:

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	MICRO-ORGANISMS	INVERTEBRATES
2-(2-Ethoxyethoxy) ethanol 111-90-0	No data available	LC50 Fish: 6,010 mg/l Exposure time: 96 h	No data available	EC50 Water flea: 1,982 mg/l Exposure time: 48 h

Persistence and degradability: No data available but expected not to be environmentally persistent based on ingredients.

Bioaccumulation: No data available but expected not to bioaccumulate based on ingredients.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code: None.

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Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

14. Transport information

U.S. Department of Transportation Proper Shipping Name: NOT REGULATED

15. Regulatory information

Toxic Substances Control Act: (USA):

All of the materials in this product are listed or exempt.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

No

SARA 313 (TRI reporting)

2-(2-Ethoxyethoxy) ethanol 111-90-0

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. Other information

HMIS HAZARD RATING INFORMATION:

HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: B

4=Extreme

3=High

2=Moderate

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1=Slight

0=Insignificant

HMIS PROTECTION GROUP B:



MSDS Preparation date: March 11, 2015

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