

MATERIAL SAFETY DATA SHEET

Accelerator

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Mountain Grout

PRODUCT NAME: Accelerator

MANUFACTURED BY

Green Mountain International, LLC

235 Pigeon Street

Waynesville, NC 28786

800-942-5151 US/Canada * 828-456-9970 International

24 HOUR EMERGENCY TELEPHONE NUMBER

Chemtrec: United States 800-424-9300

International 703-527-3887

2. INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Wt. %	CAS#
Tertiary amines	5-20	Trade Secret
Tin mercaptide	≤ 5	Trade Secret

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless liquid.

IMMEDIATE CONCERNS: Severely irritating to eyes, respiratory system, and skin. Harmful if swallowed. May cause central nervous system depression.

POTENTIAL HEALTH EFFECTS

EYES: Severe eye irritant. Can cause tearing, stinging, burning, reddening, or swelling.

SKIN: Moderate skin irritant. Can cause burning, reddening, or swelling. Skin absorption hazard.

INGESTION: Severe irritant. Can cause digestive tract burns.

INHALATION: Severe irritant. Inhalation of large amounts of vapor or aerosol can cause respiratory tract discomfort.

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. For severe exposure, seek medical attention immediately. For lesser exposure, seek medical attention if swelling or redness occurs, or if irritation persists after being washed.

INGESTION: Do not induce vomiting. Aspiration hazard. If swallowed, vomiting may occur spontaneously. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Seek immediate medical attention.

INHALATION: Remove individual from exposure, keep warm and at rest. If dizzy or shows signs of respiratory distress, seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 200 °F (93.3 °C) - Closed Cup

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition will produce oxides of carbon, nitrogen, ammonia, aldehydes and tin oxide.

FIRE FIGHTING PROCEDURES: Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers. Fire fighters should wear self-contained breathing apparatus in addition to emergency fire fighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean-up personnel should wear appropriate personal protection. (See Section 8) Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Move to outside well-ventilated area.

LARGE SPILL: Evacuate and ventilate the area. Create a dike or trench to contain materials. Prevent entry into waterways, sewers, basements or confined areas. Clean-up personnel should wear appropriate personal protection equipment. (See Section 8) Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Move to outside well-ventilated area.

7. HANDLING AND STORAGE

HANDLING: Wear proper personal protective equipment. Use in a well ventilated area. Avoid smoking, bare lights, or ignition sources. Avoid physical damage to containers.

STORAGE: Protect from atmospheric moisture. Keep containers sealed in order to avoid contamination. Do not reseal if contaminated. Store indoors in a cool and well-ventilated area.

STORAGE TEMPERATURE: 40 °F – 90 °F (4.4 °C – 32.2 °C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	OSHA/PEL	ACGIH/TLV
Tin Mercaptide	Trade Secret	0.1 mg/m ³ (Skin)	0.1 mg/m ³ (Skin)

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields.

SKIN: Wear gloves and clothing to cover exposed skin.

RESPIRATORY: During application, if exposure of product can exceed the PEL/TLV, use appropriate respiratory protection to protect from overexposure.

WORK HYGIENIC PRACTICES: Follow good normal hygiene practices. Avoid contact with skin. Avoid eating, drinking, or smoking while using this product. Wash hands thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild amine

COLOR: Colorless

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Slight

VAPOR DENSITY: Heavier than air

VAPOR PRESSURE: 5.0 mm Hg at 68 °F (20 °C)

SPECIFIC GRAVITY: 0.93 – 0.96 (water = 1) at 77 °F (25 °C)

VISCOSITY: 30 - 60 Centipoise at 77 °F (25 °C)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Temperature extremes. Container contamination. Moisture.

STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, ammonia, aldehydes and tin oxide.

INCOMPATIBLE MATERIALS: Mineral acids, organic acids, oxidizing agents, reactive metals,

peroxides.

11. TOXICOLOGICAL INFORMATION

Component	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)	Inhalation LC ₅₀ (rat)
Tertiary amines	1600 mg/kg	> 12000 mg/kg	> 16000 ppm/8h
Tin mercaptide	240 mg/kg	> 1000 mg/kg	

CARCINOGENICITY

IARC: Not classified as a carcinogen.
 NTP: Not classified as a carcinogen.
 OSHA: Not classified as a carcinogen.
 ACGIH: Not classified as a carcinogen.

12. ECOLOGICAL INFORMATION

COMMENTS: No testing for product as a whole.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA HAZARD CLASS: If discarded as purchased, this material is not a hazardous waste under RCRA 40 CFR 261.

COMMENTS: The generation of waste should be avoided or minimized whenever possible.
 Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
 Not regulated for transportation.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute

313 REPORTABLE INGREDIENTS: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are on TSCA inventory.

RCRA STATUS: Not hazardous if discarded in its purchased form. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

16. OTHER INFORMATION

HMIS RATING: Health - 2, Flammability - 1, Physical Hazard - 1

HMIS RATING NOTES: Rating system: 0 = low hazard to 4 = high hazard

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KEY LEGEND INFORMATION:

ACGIH - American Conference of Governmental Industrial Hygienists

EPA - Environmental Protection Agency

IARC - International Agency for Research on Cancer

NTP - National Toxicology Program

OEL - Occupational Exposure Limit

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TWA - Time Weighted Average

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CHANGES FROM LAST VERSION: Section 2, Section 3, Section 5, Section 10, Section 14, Section 15, Section 16