

MATERIAL SAFETY DATA SHEET

FILE NO.: 03

SaniGLAZE TILE AND GROUT PREP

MSDS DATE: 10/15/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TILE AND GROUT PREP
SYNONYMS: None
PRODUCT CODES: 01-01-002

PRODUCT USE: Tile surface cleaning and preparation

MANUFACTURER: SaniGLAZE International, LLC
ADDRESS: 4526 Lenox Ave
Jacksonville, Florida 32205
EMERGENCY PHONE: (800) 255-3924 CHEM-TEL (Chemical Emergencies Only)
OTHER CALLS (Product Information): (800) 874-5554
FAX PHONE: (904) 366-2690

PREPARED BY: MACTEC Engineering and Consulting, Inc.
3901 Carmichael Avenue
Jacksonville, Florida 32207

SECTION 1 NOTES: none

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Hydrochloric Acid	7647-01-0	>26	
		<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:		5	7
NIOSH REL - TWA:		5	7
<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Sulfamic Acid	5329-14-6	<9	No
		<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:		Not established	Not established
NIOSH REL - TWA:		Not established	Not established
<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Hydroxyacetic Acid	79-14-1	<6	No
		<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:		Not established	Not established
NIOSH REL - TWA:		Not established	Not established

SECTION 2 NOTES: None

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

Inhalation: Yes (mists)
Skin: Yes
Ingestion: Yes

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Eyes: Yes

POTENTIAL HEALTH EFFECTS:

Inhalation: Breathing mists or vapors may irritate the throat and lungs.

Skin: Irritating. Prolonged contact may result in chemical burns.

Ingestion: Do not take internally. May cause burning, irritation of mouth and throat, nausea, gastrointestinal distress or diarrhea.

Eyes: May cause eye irritation, mild to severe chemical burns and possible permanent tissue damage or blindness.

ACUTE HEALTH HAZARDS: Liquid is corrosive to tissue.

CHRONIC HEALTH HAZARDS: Liquid is corrosive to tissue.

AGGRAVATION OF PRE-EXISTING CONDITIONS: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

CARCINOGENICITY

OSHA Regulated: No

ACGIH: No

NTP: No

IARC Monographs: No

OTHER: None

SECTION 3 NOTES: None

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Lift the eyelids while flushing to decontaminate all the areas around the eye and lid. Get medical attention as soon as first aid has been administered.

SKIN: Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, seek medical attention. Decontaminate clothing and shoes before reuse.

INGESTION: DO NOT induce vomiting. Drink 3-4 glasses of milk or water, and call the nearest poison control center.

INHALATION: Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well-ventilated area. If breathing distress continues, seek medical aid immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None

LOWER: None

FLASH POINT: °F: None

METHOD USED: None

AUTOIGNITION TEMPERATURE: °F: None

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NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 1

PROTECTION:

EXTINGUISHING MEDIA: Not applicable

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cooled with a water spray if involved in a fire. Liquid, vapors and mists are corrosive. Wear self-contained breathing apparatus and full protective gear for fires that involve this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product can react with metals and release hazardous quantities of hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve hydrogen gas or sulfur dioxide (SO₂) if this product is involved in a fire.

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DO NOT contaminate municipal sewers or other open bodies of water with runoff. Wear recommended protective clothing. Remove contaminated garments promptly. Remove unnecessary personnel from the area. Floors may be slippery; use care to avoid falling. Dike the spill immediately with appropriate materials to prevent the spread of liquid. Absorb the liquid with an inert absorbent such as sand, dirt, vermiculite or "oil-dri", or use commercial absorbent pads. Transfer liquids and solid diking material to suitable containers, and dispose of in accordance with local, state, and federal regulations.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes. Keep containers closed when not in use. Store in a dry, cool, well-ventilated area. Empty containers may contain residue. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Keep this and all chemicals out of the reach of children.

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None

VENTILATION : Local exhaust is recommended when used in enclosed areas.

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RESPIRATORY PROTECTION: Use in a well-ventilated area. If mist is being generated and exceeds the TLV, a respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

EYE PROTECTION: Safety glasses (ANSI Z87.1) or approved equivalent as necessary to minimize eye contact hazards.

SKIN PROTECTION: Neoprene or other materials may be used if there is documented evidence of compatibility.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

WORK HYGIENIC PRACTICES: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

EXPOSURE GUIDELINES:

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, amber liquid
ODOR: Slight astringent odor
PHYSICAL STATE: Liquid
pH AS SUPPLIED:
pH (Other):
BOILING POINT: >212 °F
MELTING POINT: <32 °F
FREEZING POINT: °F
VAPOR PRESSURE (mmHg): Same as water
VAPOR DENSITY (AIR = 1): Same as water
SPECIFIC GRAVITY (H₂O = 1): 1.10
EVAPORATION RATE(H₂O = 1): >1
SOLUBILITY IN WATER: Water miscible
PERCENT SOLIDS BY WEIGHT:
PERCENT VOLATILE (BY WT):

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): Metal containers, strong oxidizers, strong alkalis

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

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HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this compound have not been fully tested.

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate this material and all associated wastes, or bury in an approved landfill in accordance with governmental regulations. If these options are not available, consign the recovered material to a licensed hazardous waste contractor.

RCRA HAZARD CLASS: Corrosive (concentrated, undiluted form)

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Corrosive liquid, Acidic, Inorganic, N.O.S. (Contains Sulfamic acid and Hydrochloric acid), 8, PG III
HAZARD CLASS: 8
ID NUMBER: UN 3264
PACKING GROUP: III
LABEL STATEMENT: Corrosive

OTHER AGENCIES:

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All ingredients are TSCA approved.

CERCLA (COMPREHENSIVE RESPONSE
COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Section 302: EHS reporting not required

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Section 304: Hazardous releases reporting not required
Section 311: Reporting is required if inventory exceeds the threshold planning quantity
Section 312: Inventory data reporting is not required
Section 313: Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: MACTEC Engineering and Consulting, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.