



SAFETY DATA SHEET

1. Identification

Product identifier EGS Mortar & Grout System - 100% Epoxy
Other means of identification None.
Recommended use Tile grout.
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier

Company name Southern Grouts and Mortars, Inc.
Address 1502 SW 2nd Place
Pompano Beach, Florida 33069
Telephone number (954) 943-2288
Fax (954) 943-2402
Contact name Technical Manager
Website WWW.SGM.CC
Emergency telephone number (954) 943-2288

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Skin Irrit. 2 H315 Causes Skin
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause allergic skin reaction.

OSHA defined hazards

Label elements



Signal word Warning

Hazard statement Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Toxic to aquatic life.

Precautionary statement Avoid breathing dust, fume, gas, mist, vapors and/or spray. Wash thoroughly after handling. Contaminated working clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye and face protection. Avoid release to the environment.

Response If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0-4)

Health = 1
Fire = 1
Reactivity = 1

Other Hazards

Results of PBT and vPvB assessment: Not applicable

3. Composition/information on ingredients

Components		
25068-38-6	Reaction Product: Bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight \leq 700)	60-70%
28061-14-4	Reaction Product: Bisphenol-F-(epichlorohydrin); epoxy resin	10-20%
68609-97-2	Glycidyl ether C12-C14 alcohols	10-20%

4. First-aid measures

Inhalation:	Supply fresh air and call a doctor. In case of unconsciousness place patient stably in side position for transportation.
Skin contact:	Immediately wash with water and soap and rinse thoroughly.
Eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Ingestion:	Do not induce vomiting. Immediately call for medical help.
Most important symptoms /effects, acute and delayed:	No further relevant information available.
Indication of immediate medical attention and special treatment needed:	No further relevant information available.

5. Fire-fighting measures

Suitable extinguishing media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). Use fire-extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	Water with water jet.
Specific hazards arising from the chemical:	Formation of toxic gasses is possible during heating or in case of fire. In case of fire, the following can be released:
Fire-fighting equipment/instructions:	Wear self-contained respiratory protective device.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust from the spilled material.
Methods and materials for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Environmental precautions:	Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system.
Reference to other sections:	See Section 7 for info on safe handling See Section 8 for info on personal equipment See section 13 for disposal info.

7. Handling and storage

Precautions for safe handling:	Ensure good ventilation/exhaustion at the workplace.
Information about protection against Explosions and fires:	Protect from heat and against electrostatic charge.
Conditions for safe storage, including any incompatibilities	
Storage:	Store in a cool location and provide ventilation for receptacles.
Information about storage in one Common storage facility:	Not required.
Further information about storage	
Conditions:	Keep receptacles tightly sealed.
Specific end use(s):	No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7

Control parameters

Components with limit values that require monitoring at the workplace: Not required

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

Breath equipment: Not necessary if room is well-ventilated

Protection of Hands: Glove material has to be impermeable and resistant to the product, the substance, the preparation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies on manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses.

Body protection: Protective work clothing and boots should be worn.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Powder. Coarse Textured Powder.

Color Light yellow.

Odor Light.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range >200°C (288°F)

Flash point 142°C (288°F)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Density 1.16 g/cm³ (9.68 lbs/gal)

Solubility(ies)

Solubility (water) Insoluble.

Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	
Oxidizing properties	

10. Stability and reactivity

Reactivity:	No further relevant information available.
Chemical stability:	
Possibility of hazardous reactions:	Reacts with amines. Reacts with acids, alkalis and oxidizing agents.
Conditions to avoid:	No information available.
Incompatible materials:	No information available.
Hazardous decomposition Products:	Carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification:

25068-38-6 Reaction product: Bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight \leq 700)

Oral LD50	>5000 mg/kg (rat)
Dermal LD 50	20000 mg/kg (rabbit)

28064-14-4 Reaction product: Bisphenol-F-(epichlorohydrin); epoxy resin

Oral LD50	>2000 mg/kg (rat)
Dermal LD 50	>2000 mg/kg (rabbit)

686609-97-2 Glycidyl ether C12-C14 alcohols

Oral LD50	>19200 mg/kg (rat)
Dermal LD 50	>4500 mg/kg (rabbit)

Primary irritant effect:
Skin: Irritant to skin and mucous membranes
Eye: Irritating effect
Sensitization: Sensitization possible through skin contact

Additional toxicological information:

IARC Monographs. Overall Evaluation of Carcinogenicity

None of the ingredients as listed

NTP Report on Carcinogens

None of the ingredients as listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: Not easily biodegradable

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

13. Disposal considerations

Disposal instructions

Local disposal regulations

Hazardous waste code

Waste from residues / unused products

Contaminated packaging

14. Transport information

UN-Number

DOT, ADR, ADN, IATA
IMDG

VOID
3082

UN proper shipping name

DOT, ADR, ADN, IATA
IMDG

VOID
Environmentally hazardous substance, Liquid, N.O.S. (Epoxy Resin)

Transport hazard class(es)

DOT, ADR, ADN, IATA
Class

VOID

IMDG

Class
Label

9 Miscellaneous dangerous substances and articles
9

Packaging group

DOT, ADR, ADN, IATA
IMDG

VOID
III

Environmental hazard

Marine pollutant

Yes

Special precautions for use

EMS Number

Not applicable
F-A,S-F

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed

TSCA (Toxic Substances Control Act):

All ingredients are listed.

National regulations:

Other regulations, limitations and prohibitive regulations

Reaction product: Bisphenol F – (epichlorohydrin); epoxy resin can also be described as the CAS No. 9003-36-5

Chemical safety assessment: A chemical safety assessment has not been carried out.

16. Other information, including date of preparation or last revision

Issue date 23-May-2016

Revision date -

Version # 01

HMIS® ratings

NFPA ratings

Health: 1

Flammability: 1

Physical hazard: 1



Disclaimer

Southern Grouts and Mortars cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.