

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev.3

Effective date: 09.15.2015

EPOXY GROUT 1-66-3

A

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: EPOXY GROUT 1-66-3 A

Manufacture/Supplier Trade Name:

Manufacture/Supplier Article Number:

Recommended uses of the product and restrictions on use: GROUT

Manufacturer Details:

Superior Epoxies & Coatings Inc

2527 Lantrac Court

Decatur, GA 30035

(770)808-0023

Emergency telephone number:

Infotrac 800-535-5053

SECTION 2: Hazards Identification

Classification of the substance or mixture:



Skin irritation, category 2

Eye irritation, category 2A

Skin sensitization, category 1



Signal word: DANGER

Hazard statement:

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

Toxic to aquatic life with long lasting effects

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev.3

Effective date: 09.15.2015

EPOXY GROUT 1-66-3

A

Precautionary statements:

Keep container tightly closed

If medical advice is needed, have product container or label at hand

Keep out reach of children

Read label before use

Avoid breathing dust/gas/mist/vapors/spray

Wash skin thoroughly after handling

Contaminated work clothing should not be allowed out of the workplace

Avoid release to the environment

Wear protective gloves/protective clothing/eye protective/face protection

IF ON SKIN: Wash with soap and water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing

If skin irritation or a rash occurs. Get medical advice/attention

Take off contaminated clothing and wash before reuse

Collect spillage

Store locked up

Dispose of contents and container as instructed in Section 13

Other Non-GHS Classification: none

SECTION 3: Composition/information on ingredients

Ingredients

CAS 25068-38-6	BISPHENOL-a-(EPICHLORHYDRIN) AND EPOXY RESIN	20-30%
CAS 2461-15-6	[[[2-ETHYLHEXYL]OXY]METHYL]OXIRANE	3-6%
CAS 13463-67-7	Titanium dioxide	2-3%
CAS 1327-36-2	ALUMINOSILCATES	50-70%

Percentages are by weight

SECTION 4: First aid measures

Description of first aid measures

After inhalation:

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev.3

Effective date: 09.15.2015

EPOXY GROUT 1-66-3

A

Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Loosen clothing and place exposed in a comfortable position.

After skin contact:

Wash hands and exposed skin with soap and plenty of water.

After eye contact:

Seek medical attention. Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes

Remove contact lenses while rinsing

After swallowing:

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention

Most important symptoms and effects, both acute and delayed:

Shortness of breath, Headache, Nausea, Dizziness, Irritation-all routes of exposure. Acute pneumoconiosis or silicosis from overwhelming exposure to crystalline silica dust has occurred. Lungs may be affected by repeated or prolonged exposure to fibers, resulting in fibrosis. This substance is possible carcinogenic to humans. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury.

Indication of an 7y immediate medical attention and special treatment needed

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam

Unsuitable extinguishing agents: None

Advice for firefighter:

Protective equipment: Wear protective eyewear, gloves, and clothing. Refer to section Additional information (precautions)

Avoid inhaling gases, fumes, dust, mist, and aerosols. Avoid contact with skin, eyes and clothing

SECTION 6: Accidental release measures

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev.3

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EPOXY GROUT 1-66-3

A

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational

Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway

Methods and material for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Wear protective eyewear, gloves, and clothing. Refer to section 8. Always obey local regulations. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Containerize for disposal. Refer to section 13. Keep in suitable closed containers for disposal.

Reference to other sections: none

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling;

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substance.

Conditions for safe storage, including any incompatibilities:

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed, Store away from incompatible materials

SECTION 8: Exposure controls/personal protection

Control Parameters: 13463-67-7, Titanium dioxide, ACGIH TLV: 10, OSHA PEL: 10

Appropriate Engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls To keep the airborne concentrations of vapor and mist below the applicable workplace exposure limits indicated above. (Occupational Exposure-OELS)

Respiratory protection: Not required under normal conditions of use. Where risk Assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Protection of skin: Select glove material impermeable and resistant to the

Safety Data Sheet

According to 29CFR1910/1200 and GHS Rev.3

Effective date: 09.15.2015

EPOXY GROUT 1-66-3

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substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer service. Avoid skin contact with used gloves. Wear protective clothing.

Eye protection:

Faceshield (8-inch minimum) with tightly fitting safety goggles are appropriate eyewear. Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

General hygienic measures:

Perform routine housekeeping. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Before rewearing wash contaminated clothing.

SECTION 9: Physical and chemical properties

Appearance (physical State, color)	white, gritty paste	Explosion limit lower	Not determined
		Explosion limit upper	Not determined
Odor:	Slight sweet odor	Vapor pressure at 20⁰	Not determined
Odor threshold:	Not Determined	Vapor density	Not determined
PH-value:	Not Determined	Relative density	1.85
Melting/Freezing Point:	Not Determined	Solubilities	Insoluble in water
Boiling point/Range:	Not Determined	Partition coefficient (n-octanol/water)	Not determined
Flash point(closed cup):	Not Determined	Auto/self-ignition Temperature	Not determined
Evaporation rate:	Not Determined	Decomposition Temp	Not determined
Flammability (solid Gaseous)	Not Determined	Viscosity	a. Kinematic
			Not determined
			b. Dynamic:
			Not determined
Density at 20⁰	Not Determined		

SECTION 10: Stability and reactivity

Reactivity:

Nonreactive under normal conditions

Chemical stability:

Stable under normal conditions

Safety Data Sheet

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EPOXY GROUT 1-66-3

A

Possible hazardous reactions:

None under normal conditions

Conditions to avoid:

Incompatible materials

Incompatible materials:

Acids, Bases, Oxidizing agents, Hydrogen fluoride, Acetylene and ammonia

Hazardous decomposition products:

25068-38-6: Strong oxidizing, acids, amines, and bases

SECTION 11: Toxicological information

Acute Toxicity:

Oral:

25068-38-6 LD50 Oral-rat-13,600 mg/kg

2461-15-6 LD50 Oral-rat-7,800 mg/kg

Inhalation:

N/A

Chronic Toxicity:

Inhalation:

May cause respiratory irritation

Skin corrosion/irritation:

1408-60-7

Serious eye damage/irritation:

14808-60-7

Respiratory or skin sensitization:

May cause skin sensitization in some individuals

Carcinogenicity:

N/A

Reproductive Toxicity: No additional information

STOT-single and repeated exposure:

2461-15-6: Inhalation-May cause respiratory irritation

Additional toxicological information: No additional information

SECTION 12: Ecological information

Safety Data Sheet

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EPOXY GROUT 1-66-3

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Ecotoxicity:

2461-15-6: LC50-Carassius(goldfish)-14mg/l-24 h

13463-67-7: LC50-Other fish->1,000 mg/l-96 h

13463-67-7: EC50-Daphnia magna(Water flea)->1,000 mg/l-48 h

Persistence and degradability:

25068-38-6: Result: According to the results of test of biodegradability this product is not readily biodegradable. 1217-11-7: long term degradation products may arise.

Bioaccumulative potential: No additional information

Mobility in soil: no additional information

Other adverse effects: no additional information

SECTION 13: Disposal considerations

Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as usual product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

SECTION 14: Transport information

US DOT Not-Regulated

UN Number: 3082
ADR,AND,DOT,IMDG,IATA

Limited Quantity : NONE

Bulk: Non Bulk

RQ (if applicable): none

Proper shipping name: Environmentally

Hazardous substance, liquid, n.o.s.

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(reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin(number Average molecular weight <=700)

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Hazard Class: 9

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Packing Group: III

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Marine Pollutant(if applicable): no

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SECTION 15: regulatory information

United States (USA)

SARA SECTION 311/312 (Specific toxic chemical listings):

Acute

SARA SECTION 311/312 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic substance control act)

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

None of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:

None of the ingredients are listed.

Chemicals known to cause reproduction toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproduction toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Canada

Canadian Domestic Substance list (DSL)

None of the ingredients are listed.

SECTION 16: Other information

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EPOXY GROUT 1-66-3

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This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take these precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of the material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

NFPA: 2-10

HMIS: 3-1-0

GHS Full Text Phrases: None

Abbreviations and Acronyms: None

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