

## SAFETY DATA SHEET

Print date: 04/21/2016

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Revision Number: 1.01

### 1. COMPANY AND PRODUCT IDENTIFICATION

**Product identifier**

**Product Name:** SynDeck® Epoxy Combo Grout Part A Sand and Resin SA1241 - Black Fine

**Product code:** SA1241BF

**Other means of identification**

**Synonyms** No information available

**Application**

**Recommended Use** Grout  
**Uses advised against** For industrial use only

**Supplier/Manufacturer:**

**Supplier:**  
EPMAR Corporation  
13240 E. Barton Circle  
Whittier, CA 90605-3254  
Phone: 562-946-8781  
FAX: 562-944-9958  
E-mail: she@quakerchem.com  
(For Health and Safety Questions)

**Emergency telephone number:**

\* 24 HOUR TRANSPORTATION:  
\*\*CHEMTREC: 1-800-424-9300  
+703-527-3887 (Call collect outside of US)  
\* 24 HOUR EMERGENCY HEALTH & SAFETY:  
\*\*(800) 523-7010 (Within US only) Outside of US call (703)  
527-3887

### 2. HAZARDS IDENTIFICATION

**Classification**

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SA1241BF - SynDeck® Epoxy  
Combo Grout Part A Sand and Resin  
SA1241 - Black Fine

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Revision Date: 04/21/2016


## OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1
Germ cell mutagenicity	Category 2
Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 2
Chronic aquatic toxicity	Category 2

## Label Elements

### Emergency Overview

<b>DANGER</b>		
<b>Hazard Statements</b> Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction suspected of causing genetic defects May damage fertility or the unborn child May cause damage to organs through prolonged or repeated exposure Toxic to aquatic life with long lasting effects		
		
<b>Appearance</b> Black	<b>Physical State</b> Paste	<b>Odor</b> Mild

### Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Contaminated work clothing should not be allowed out of the workplace  
wear protective gloves  
Do not breathe dust/fume/gas/mist/vapors/spray  
Avoid release to the environment

### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see First Aid on this label)  
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

IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention  
Collect spillage

#### Precautionary Statements - Storage

Store locked up

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

None known

#### Other Information

Harmful to aquatic life.

#### Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No	Weight %
Crystalline silica (quartz) with particles >20 µm	14808-60-7	80 - 90%
Diglycidyl Ether of Bisphenol A	25068-38-6	10 - 15%
Oxirane,((2-methylphenoxy)methyl)-	2210-79-9	1 - 5%

The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### General advice:

Show this safety data sheet to the doctor in attendance Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician

#### Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

#### Skin contact:

Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.

#### Ingestion:

If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person

#### Inhalation:

Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration If breathing is difficult, give oxygen Consult a physician.

#### Note to physician:

Treat symptomatically.

#### Medical condition aggravated by exposure:

Dermatitis. Lung diseases.

## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** Use dry chemical, CO2, water spray or `alcohol` foam.
- Specific hazards:** Do not allow material to contaminate ground water system.
- Special protective equipment for fire-fighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
- Specific methods:** Water mist may be used to cool closed containers

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapour/dust. Wash thoroughly after handling.
- Environmental precautions:** Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.
- Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Handling

- Technical measures/precautions:** Provide sufficient air exchange and/or exhaust in work rooms.
- Safe handling advice:** Do not breathe vapors or spray mist. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

### Storage

- Technical measures/storage conditions:** Store at room temperature in the original container.
- Incompatible products:** See Section 10, Materials to avoid.
- Safe storage temperature:** 50 - 100 °F
- Shelf life:** 2 years

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	ACGIH Exposure Limits	OSHA TWA (final)	NIOSH - Pocket Guide
Crystalline silica (quartz) with particles	0.025 mg/m <sup>3</sup> (TWA)	None	0.05 mg/m <sup>3</sup> (TWA)

>20 µm			
aluminium oxide	1 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	None

**Engineering measures:** Ensure adequate ventilation

**Personal Protective Equipment:**

**General:** Eye Wash and Safety Shower

**Respiratory protection:** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

**Eye protection:** Safety glasses with side-shields

**Hand protection:** Impervious butyl rubber gloves, Neoprene gloves

**Skin and body protection:** Long sleeved clothing

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Paste
<b>Appearance</b>	Black
<b>Odor</b>	Mild
<b>Odor Threshold</b>	No information available
<b>pH concentrate:</b>	No information available
<b>pH Dilution</b>	No information available
<b>Melting/freezing point</b>	No information available
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	> 99 °C / > 210 °F
<b>Method</b>	Closed cup
<b>Evaporation rate</b>	No information available
<b>Flammability Limits in Air</b>	
upper flammability limit	No information available
lower flammability limit	No information available

<b>VOC Content Product (lb/gal)</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity (g/cc, 15 C)</b>	2.08
<b>Bulk Density (lb/gal, 15 C)</b>	17.36
<b>Water Solubility</b>	Insoluble
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Molecular Weight</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	None known.
<b>Materials to avoid:</b>	Strong acids and oxidising agents. Strong bases. Reaction with some curing agents may produce considerable heat and possible violent decomposition.
<b>Hazardous decomposition products:</b>	Carbon oxides. Thermal decomposition can lead to release of irritating gases and vapours.
<b>Hazardous Polymerization:</b>	Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

No toxicological information is available on the product. Data obtained on components are summarized below.

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	Irritating to skin. May cause sensitization by skin contact.

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Crystalline silica (quartz) with particles >20 µm	= 500 mg/kg ( Rat ) Oral LD50 Rat 500 mg/kg (Source: IUCLID)	-	-
Diglycidyl Ether of Bisphenol A	= 11400 mg/kg ( Rat ) Oral LD50 Rat 11400 mg/kg (Source: NLM_CIP)	-	-
Oxirane,((2-methylphenoxy)methyl)-	= 4 g/kg ( Rat ) Oral LD50 Rat 4 g/kg (Source: NLM_CIP)	-	= 6090 mg/m <sup>3</sup> ( Rat ) 4 h Inhalation LC50 Rat 6090 mg/m <sup>3</sup> 4 h (Source: NLM_CIP)

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity**

The particle size of the material containing Crystalline Silica is in the range of 54 microns to .4 mm. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

Components	IARC Carcinogens	NTP	OSHA - Select Carcinogens
Crystalline silica (quartz) with particles >20 µm	Group 1	Known Carcinogen	Present
Diglycidyl Ether of Bisphenol A	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed

**Sensitization**

Product contains a component that is classified as a skin sensitizer. No studies have been conducted on the product itself.

**Mutagenic effects:**

Product contains a component that is classified as a mutagen. No testing has been conducted on the product itself.

**Reproductive Toxicity**

Product contains a component that is classified as a reproductive hazard. No testing has been conducted on the product itself.

**Developmental Toxicity**

No information available.

**Teratogenic**

No information available.

**Specific target organ systemic toxicity (single exposure)**

No information available.

**Specific target organ systemic toxicity (repeated exposure)**

Causes damage to organs through prolonged or repeated exposure in contact with skin.

**Aspiration hazard**

No information available.

**Additional information on toxicological effects**

No information available

## 12. ECOLOGICAL INFORMATION

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Crystalline silica (quartz) with particles >20 µm	No data	No data	No data
Diglycidyl Ether of Bisphenol A	No data	No data	No data
Oxirane,((2-methylphenoxy)methyl)-	No data	No data	No data

84.018502% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and Degradability**            No information available.

**Bioaccumulation**                                No information available.

Components	Octanol/water partition coefficient
Crystalline silica (quartz) with particles >20 µm	-
Diglycidyl Ether of Bisphenol A	-
Oxirane,((2-methylphenoxy)methyl)-	-

**Mobility:**    No data available

**Ozone:**     No data available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:**            Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**Contaminated packaging:**                    Do not re-use empty containers

**Methods for cleaning up:**                    Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) Sweep up and shovel into suitable containers for disposal

## 14. TRANSPORT INFORMATION

**U. S. DEPARTMENT OF TRANSPORTATION:**

<b>UN/NA ID Number:</b>	UN3082
<b>Proper shipping name:</b>	Environmentally Hazardous substance, liquid, n.o.s. (Diglycidyl Ether of Bisphenol A)
<b>Hazard class:</b>	9
<b>PG:</b>	III
<b>DOT ERG:</b>	ERG 171
<b>Additional DOT Information:</b>	When in individual containers of less than 119 gallons, this



material ships as non-regulated.

**TDG (CANADA):**

UN nr: UN3082  
Proper shipping name: Environmentally Hazardous substance, liquid, n.o.s.  
(Diglycidyl Ether of Bisphenol A)  
TDG Hazard Classification: 9  
Packing group: III

**IMDG/IMO:**

UN nr: UN3082  
Proper shipping name: Environmentally Hazardous substance, liquid, n.o.s.  
(Diglycidyl Ether of Bisphenol A)  
Class: 9  
Packing group: III  
Limited quantity: 1.0 L

**IATA/ICAO:**

UN nr: UN3082  
Proper shipping name: Environmentally Hazardous substance, liquid, n.o.s.  
(Diglycidyl Ether of Bisphenol A)  
Hazard Class: 9  
Packing group: III  
Maximum quantity for cargo only: 450 L  
Maximum quantity for passenger: 450 L  
Limited quantity: 30 kg

## 15. REGULATORY INFORMATION

**Federal Regulations**

**OSHA Hazard Communication Standard:** This product is considered to be hazardous under the OSHA Hazard Communication Standard.

**CERCLA/SARA Information:**

**SARA (311, 312) hazard class:** This product possesses the following SARA Hazard Categories:

Immediate Health (Acute): Yes  
Delayed Health (Chronic): Yes  
Flammability: No  
Pressure: No  
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Crystalline silica (quartz) with particles >20 µm	Not listed	Not listed	Not listed
Diglycidyl Ether of Bisphenol A	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed

**Clean Air and Clean Water Acts:**

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Crystalline silica (quartz) with particles >20 µm	Not listed	Not listed	Not listed	Not listed
Diglycidyl Ether of Bisphenol A	Not listed	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed	Not listed

**U.S. STATE REGULATIONS (RTK):**

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Crystalline silica (quartz) with particles >20 µm	carcinogen	Present	Not Listed	1660	Carcinogen Extraordinarily hazardous
Diglycidyl Ether of Bisphenol A	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Oxirane,((2-methylphenoxy)methyl)-	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**California Proposition 65 Status:** May contain trace amounts of listed chemicals: phenyl glycidyl ether, carbon black.

**RCRA Status:** Not regulated

**CANADIAN REGULATIONS:**

Components	CEPA Schedule I	Challenge Substances
Crystalline silica (quartz) with particles >20 µm	Not listed	Listed
Diglycidyl Ether of Bisphenol A	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed

**INVENTORY STATUS:**

**United States TSCA Inventory:** This product complies with TSCA

**Canada DSL/NDSL Inventory List** This product complies with DSL

**16. OTHER INFORMATION**

**Sources of key data used to compile** Material safety data sheets of the ingredients.  
the data sheet:

**Prepared by:** Safety, Health and Environmental Department

**Revision Date:** 04/21/2016

**Reason for revision:** Name change.

**Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.**

**Disclaimer**

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. The company referenced in this Safety Data Sheet assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of such company.

**End of Safety Data Sheet**