

## SAFETY DATA SHEET

Print date: 11/14/2016

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Revision Number: 1.02

### 1. COMPANY AND PRODUCT IDENTIFICATION

**Product identifier**

**Product Name:** SynDeck® Ultra Lightweight Terrazzo Part A Resin SA1290FCT

**Product code:** SA1290FCT-02

**Other means of identification**

**Synonyms** No information available

**Application**

**Recommended Use** Decorative underlayment

**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


### 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 (single exposure)	Category 3
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 respiratory irritation. May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure Toxic to aquatic life with long lasting effects		
		
<b>Appearance</b> Opaque white	<b>Physical State</b> Liquid	<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  
Use only outdoors or in a well-ventilated area  
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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Collect spillage

#### Precautionary Statements - Storage

Store locked up

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

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

None known

#### Other Information

May be harmful in contact with skin. Toxic 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 %
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	90 - 100%
Oxirane, ((2-methylphenoxy)methyl)-	2210-79-9	5 - 10%
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	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:** None known.

## 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. Do not breathe vapour/dust. Use personal protective equipment. Avoid contact with skin, eyes and clothing. 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:** In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. 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:** Strong oxidizing agents  
**Safe storage temperature:** 50 - 100 °F  
**Shelf life:** 2 years

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**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:** 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>	Liquid
<b>Appearance</b>	Opaque white
<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

Flash Point	> 110 °C / > 230 °F
Method	Tag closed cup
Evaporation rate	No information available
Flammability Limits in Air	
upper flammability limit	No information available
lower flammability limit	No information available
VOC Content Product (lb/gal)	0
VOC Content Product (g/L)	0
VOC less water and exempt (lb/gal)	0
VOC less water and exempt (g/L)	0
HAP Content Product (g/L):	0
HAP Content Product (lb/gal)	0
Solids (% w/w):	100
Solids (% v/v):	100
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity (g/cc, 15 C)	No information available
Density @ 25 ° C. (g/cc):	1.145
Bulk Density @ 77° F. (lb/gal):	9.544
Water Solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition Temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Molecular Weight	No information available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** None known.

**Materials to avoid:** Strong oxidizing agents.

**Hazardous decomposition products:** None under normal use.

**Hazardous Polymerization:** Not applicable.

## 11. TOXICOLOGICAL INFORMATION

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

### Information on likely routes of exposure

**Inhalation** May cause irritation of respiratory tract.

**Eye Contact** Irritating to eyes.

**Skin Contact** 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
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	= 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)
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	= 17100 mg/kg ( Rat ) Oral LD50 Rat 17100 mg/kg (Source: NLM_CIP)	> 3987 mg/kg ( Rabbit ) Dermal LD50 Rabbit >3987 mg/kg (no deaths occurred, Source: CHEMVIEW)	-

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

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Components	IARC Carcinogens	NTP	OSHA - Select Carcinogens
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Not listed	Not listed	Not listed
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<b>Sensitization</b>	Product contains a component that is classified as a skin sensitizer. No studies have been conducted on the product itself.
<b>Mutagenic effects:</b>	Product contains a component that is classified as a mutagen. No testing has been conducted on the product itself.
<b>Reproductive Toxicity</b>	Product contains a component that is classified as a reproductive hazard. No testing has been conducted on the product itself.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenic</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	Respiratory system.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	May cause disorder and damage to the, Skin.
<b>Aspiration hazard</b>	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:
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	No data	No data	No data
Oxirane,((2-methylphenoxy)methyl)-	No data	No data	No data
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	No data	No data	No data

2.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Components	Octanol/water partition coefficient
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	-
Oxirane,((2-methylphenoxy)methyl)-	-
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	-



**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:

**UN/NA ID Number:** UN3082  
**Proper shipping name:** Environmentally Hazardous substance, liquid, n.o.s.  
(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)  
**Hazard class:** 9  
**PG:** III  
**DOT ERG:** ERG 171  
**Additional DOT Information:** 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.  
(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)  
**TDG Hazard Classification:** 9  
**Packing group:** III

#### IMDG/IMO:

**UN nr:** UN3082  
**Proper shipping name:** Not Regulated  
**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.  
(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)  
**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
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	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
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Not listed	Not listed	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed	Not listed	Not listed
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Not listed	Not listed	Not listed	Not listed

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

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Oxirane,((2-methylphenoxy)methyl)-	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
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**California Proposition 65 Status:** May contain trace amounts of listed chemicals: phenyl glycidyl ether, ethyl acrylate.

**RCRA Status:** Not regulated

**CANADIAN REGULATIONS:**

Components	CEPA Schedule I	Challenge Substances
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Not listed	Not listed
Oxirane,((2-methylphenoxy)methyl)-	Not listed	Not listed
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	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:** 11/14/2016

**Reason for revision:** This data sheet contains changes from the previous version in section(s) 1 for recommended use.

**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**