



I. Product & Company Identification

Product Name:	Deco-Poz Eco-Blend Cement Mix (White & Gray)	Product Code:	DP1-8001-8002
Emergency Phone #:	(602)305-9397	Date Prepared:	05/01/14
Manufacturer:	Eco Safety Products	Emergency #:	602-305-9397
2921 W. Culver St., Bldg. 4B, Phoenix, AZ 85009 U.S.A.			

II. Hazards Identification

Emergency Overview: Cement mixture. Exposure to eyes may cause pain, watering, and/or burning sensation. Prolonged contact with skin may cause irritation. Ingestion may cause gastric distress.

Health Hazards:

Eye Contact:	Keep out of eyes.
Skin Contact:	Skin irritation is possible with prolonged contact.
Inhalation:	Avoid inhalation.
Ingestion:	Do not ingest. May result in abdominal discomfort, nausea, and diarrhea.

Flammability Hazards: This product is non-combustible. If involved in a fire, the decomposition of the ingredients will include irritating vapors or gases.

Reactivity Hazards: This product is non-reactive.

Environmental Hazards: Release of this product into the environment is not expected to cause adverse effects.

III. Composition Information on Ingredients

This product is a cement mixture with 100% recycled mineral pozzolan as a component of the Deco-Poz microtopping system

Designation	%	CAS #	PEL	TLV	NIOSH REL
Calcia-Silica-Alumina	20-25%	65997-17-3	Not Listed	Not Listed	
Boron Oxide	0-4%	12045-60-2	Not Listed	Not Listed	
Sodium Oxide	0-1%	37382-45-9	Not Listed	Not Listed	
Potassium Oxide	0-1%	37382-43-7	Not Listed	Not Listed	
Magnesium Oxide	0-1%	82375-77-7	Not Listed	Not Listed	
Portland Cement	50-80%	65997-15-1	5mg respirable dust/m ³	10mg total dust/m ³	
Calcium Sulfate	0-10%	7778-18-9	5mg respirable dust/m ³	10mg total dust/m ³	
Gypsum	0-10%	13397-24-5	5mg respirable dust/m ³	15mg total dust/m ³	
Iron Oxide	0-15%	1309-37-1	10mg/m ³	5mg/m ³	
Calcium Carbonate	0-15%	1317-65-3	5mg respirable dust/m ³	10mg total dust/m ³	
Calcium Oxide	0-15%	1305-78-8	5mg/m ³	2mg/m ³	
Crystalline Silica	0-5%	14808-60-7	<u>10mg respirable dust/m³</u> <u>30mg total dust/m³</u> <u>250 million particles/ft³</u>	0.05mg respirable quartz/m ³	0.05mg respirable quartz/m ³

IV. First Aid Measures

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops, consult a physician.
Skin Contact:	Flush contaminated skin with plenty of water. Consult a physician if irritation develops.
Inhalation:	Move exposed person to fresh air. If irritation persists, get medical attention promptly.
Ingestion:	Do not induce vomiting. If victim is conscious give plenty of water or milk to drink. Get medical attention immediately.

V. Fire Fighting Measures

Flammable Limits:	Not determined.
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Flash Point:	Non-flammable.
Extinguishing Media:	Dry chemical, foam, or water fog.
Firefighting Procedures:	For precaution use self-contained breathing apparatus.
Fire and Explosion Hazards:	No unusual hazards are expected.

VI. Accidental Release Measures

Use dry clean-up methods that do not disperse dust into the air or entry into surface water. Material can be used if not contaminated. Place in an appropriate container for disposal or use. Avoid inhalation of dust and contact with skin and eyes. Use exposure control and personal protection methods as described in Section VIII.

VII. Handling and Storage

Store material in a cool, dry and well-ventilated area between 40°F-90°F. Keep containers closed and air tight. Avoid freezing.

VIII. Exposure Controls and Personal Protection

Ventilation:	Use local exhaust or general ventilation to control dust levels below applicable exposure limits. Minimize dispersal of dust into the air.
Eye Protection:	Wear tight fitting safety goggles, especially if wearing contact lenses.
Gloves:	Wear protective gloves to avoid possible skin irritation.
Clothing:	Wear long sleeve shirt or other protective cover to avoid skin exposure.
Wash Requirements:	Wash with soap and water.
Respirator:	Wear OSHA/NIOSH approved respiratory protection if local or general ventilation is not adequate to control dust levels.

IX. Physical and Chemical Characteristics

Appearance:	Off White/Light Gray Powder	Vapor Pressure (mm Hg):	N/A
Odor:	Mild	Vapor Density:	N/A
Odor: Threshold:	N/A	Relative Density:	N/A
pH:	N/A	Solubility in Water:	Slightly Soluble
Freezing Point:	N/A	Partition Coefficient:	N/A
Boiling Point:	>1000°C	Auto-Ignition Temperature:	None
Evaporation Rate (H ₂ O = 1):	N/A	Decomposition Temperature:	N/A
Flammability:	Non Flammable	Viscosity:	N/A
Upper/Lower Limits:	N/A	V.O.C. Regulatory:	0 g/L

X. Stability and Reactivity

Reactivity:	None	Condition to Avoid:	Acids, ammonium salts, and aluminum metal
Chemical Stability:	Stable	Incompatible Materials:	None Known
Hazardous Reactions:	None Known	Hazardous Decomposition:	None Known

XI. Toxicological Information

Route of Entry:	Inhalation. Skin. Eyes.
Toxicological:	Portland cement is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.

XII. Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

XIII. Disposal Information

Disposal of product must be in accordance with all federal, state, and local regulations.

XIV. Transport Information

Not Regulated

XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200): Portland cement is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.

California Prop 65: This product contains crystalline silica, a substance known to the State of California to cause cancer. This product also may contain trace amounts of heavy metals known to the State of California to cause cancer, birth defects or other reproductive harm.

Hazard Category Under SARA (Title III): Sections 311 and 312: May be subject to reporting requirements under Section 313.

Status under the Federal Hazardous Substances Act: Portland cement is a hazardous substance subject to statutes promulgated under the subject act.

International Regulations: Consult the regulations of the applicable country of import.

XVI. Other Information

The information given and recommendations made herein is believed to be accurate, but is not warranted to be so. The data is based upon information furnished by the manufacturers of the components of the product. It is the purchaser's responsibility before using any product to verify the operating conditions and to determine whether the product is suitable for their purposes. Furthermore, the manufacturer assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Questions regarding this product may be directed to the manufacturer in Section 1.

MSDS Last Revision: 12/01/09

HMIS Rating:

Health	2
Fire	0
Reactivity	0
Protection	E

Protection E: Safety Glasses, gloves, particulate or OSHA/NIOSH approved respiratory protection

Hazard Index: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe