

## SECTION 1 – PRODUCT IDENTIFICATION

**Product Identifier** Elevation Pan Sealant  
**SDS number** EBES1008  
**Additional Products** None  
**Synonyms** None



### RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

**Recommended Use** Sealant, Coating  
**Uses advised against** No information available

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Manufacturer/Supplier:** Formulated Materials  
 3010 NW 149th St, Suite 100  
 Oklahoma City, OK 73134  
 405.310.1650

### EMERGENCY TELEPHONE NUMBER

**Emergency Telephone** Call CHEMTREC Day or Night: CCN823126  
 Within USA and Canada: 1-800 424-9300; Outside USA and Canada: 1-703-527-3887

## SECTION 2 - HAZARDS IDENTIFICATION *(Continues)*

### CLASSIFICATION

#### OSHA Regulatory Status

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

Carcinogenicity	Category 1A
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### LABEL ELEMENTS

#### Emergency Overview

**Signal Word:**

Danger

**Hazard statement:**

May cause cancer


**Appearance:** Viscous

**Physical state:** Liquid

**Odor:** Lime

### 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.

**Response**

IF exposed or concerned: Get medical advice/attention.

## SECTION 2 - HAZARDS IDENTIFICATION (Continued)

### PRECAUTIONARY STATEMENTS

**Storage** Store locked up

**Disposal** Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable

### OTHER INFORMATION

**Unknown acute toxicity** 75.568% of the mixture consists of ingredient(s) of unknown toxicity

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

### SUBSTANCE MIXTURE

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Common name** Sealant and Caulk

**Synonyms** None

**Chemical nature** Aqueous solution

Chemical Name	CAS No.	Weight-%	Trade Secret
Calcium Carbonate	1317-65-3	50 - 60%	*
Diisodecyl Pthalate	68515-49-1	10 - 20%	*
Titanium Dioxide	13463-67-7	0 - 10%	*
Vinyltrimethoxysilane	2768-02-7	0 - 10%	*
Quartz	0 - 10%	0 - 10%	*

## SECTION 4 - FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

**General advice** Under conditions of normal use, no hazards are anticipated which require special first aid measures.

**Eye contact** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin contact** Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.

**Inhalation** Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.

**Ingestion** Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.

**Self-protection of the first aider** First aider: Pay attention to self-protection!

### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**Symptoms** May cause skin irritation. May cause eye irritation.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**Note to physicians** Treat symptomatically

## SECTION 5 - FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING MEDIA

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Sand. Use foam or water FOG as a last resort.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

No information available.

**Hazardous combustion products** Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

### EXPLOSION DATA

**Sensitivity to Mechanical Impact** Not sensitive.

**Sensitivity to Static Discharge** Not sensitive.

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**Personal precautions** No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

**Other Information** Extremely slippery when spilled.  
**For emergency responders** Use personal protection recommended in Section 8.

### ENVIRONMENTAL PRECAUTIONS

**Environmental precautions** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information.

### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

**Methods for containment** Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

**Methods for cleaning up** Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## SECTION 7 - HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Advice on safe handling** Use personal protective equipment as required.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage Conditions** Keep from freezing. Keep containers tightly closed in a cool, dry, well-ventilated place.

**Incompatible materials** Strong acids. Strong oxidizing agents.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS

#### Exposure Guidelines

No ACGIH or OSHA PEL is assigned to this mixture.

Exposure limits for the component materials are shown below.

This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate 1317-65-3	-	TWA: 15 mg/m3 total dust TWA: 5 mg/m3 respirable fraction (vacated) TWA: 15 mg/m3 total dust (vacated) TWA: 5 mg/m3 respirable fraction	TWA: 10 mg/m3 total dust TWA: 5 mg/m3 respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m3	TWA: 15 mg/m3 total dust (vacated) TWA: 10 mg/m3 total dust	IDLH: 5000 mg/m3
Quartz 14808-60-7	TWA: 0.025 mg/m3 respirable fraction	(vacated) TWA: 0.1 mg/m3 respirable dust : (30)/(%SiO <sub>2</sub> + 2) mg/m3 TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m3 TWA respirable fraction	IDLH: 50 mg/m3 respirable dust TWA: 0.05 mg/m3 respirable dust

### APPROPRIATE ENGINEERING CONTROLS

#### Engineering Controls

None under normal outdoor use conditions.

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin and body protection

Wear protective gloves and protective clothing that is resistant to chemical penetration.

#### Respiratory protection

No protective equipment is needed under normal use conditions.

#### General Hygiene Considerations

Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (Continues)

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** Liquid

**Appearance** Viscous **Odor** Lime

**Color** Grey Black **Odor threshold** Negligible odor.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES** *(Continued)*

PROPERTY	VALUES	REMARKS-METHOD
pH	Not applicable	
Melting point/freezing point	None / 0 °C None / 32 °F	Melting Point is not applicable. Freezing points are shown.
Boiling point / boiling range	> 100 °C / 212 °F	50 g/l at 23C
Flash point	Not applicable °C / Not applicable °F	Non Flammable
Evaporation rate	The evaporation rate of the water component of this emulsion product is dependent upon: 1) The temperature of the water at the air-water surface; 2) The humidity of the air; 3) The area of the air-water surface; 4) The temperature of the air. No Information available.	No data available. Evaporation rate is dependent upon atmospheric conditions.
Flammability (solid, gas)	Non Flammable.	
Flammability Limit in Air	Non Flammable.	
Upper flammability limit:	Not applicable.	
Lower flammability limit:	Not applicable.	
Vapor pressure	2.33 (kPa)	N/A
Vapor density	5.3	N/A
Specific Gravity	1.6	Water = 1g/m
Water solubility	Dispersible.	
Solubility in other solvents	Soluble in aromatic and aliphatic solvents.	
Partition coefficient	No information available.	No data available.
Autoignition temperature	330 °C / 626 °F	
Decomposition temperature	No information available.	
Kinematic viscosity	No information available.	
Dynamic viscosity	No information available.	
Explosive properties	Not an explosive.	
Oxidizing properties	Not applicable.	

**OTHER INFORMATION**

Softening point	Not applicable.
Molecular weight	No information available.
VOC Content (%)	Less than 10 g/l
Density	13.2 lb/gal.
Bulk Density	Not applicable.

## SECTION 10 - STABILITY AND REACTIVITY

### REACTIVITY

Not applicable.

### CHEMICAL STABILITY

Stable.

### POSSIBILITY OF HAZARDOUS REACTIONS

None under normal use.

**Hazardous polymerization** Hazardous polymerization does not occur.

### CONDITIONS TO AVOID

None known for product as a whole.

### INCOMPATIBLE MATERIALS

Strong acids. Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

## SECTION 11 – TOXICOLOGICAL INFORMATION *(Continues)*

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

#### Product Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

#### Inhalation

Avoid breathing vapors or mists.

#### Eye contact

Avoid contact with eyes. Contact with eyes may cause irritation.

#### Skin contact

May cause irritation.

#### Ingestion

If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

#### Component Information

\* No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: [http://www.oehha.org/prop65/CRNR\\_notices/safe\\_use/sylicasud2.html](http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html)

The IARC Monograph (Vol93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "No significant exposure to primary particles of Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to the materials, such as in paints."

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diisodecyl Pthalate 68515-49-1	> 60000 mg/kg ( Rat )	= 16000 mg/kg ( Rabbit )	-
Titanium Dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Vinyltrimethoxysilane 2768-02-7	= 7340 µL/kg ( Rat )	= 3360 µL/kg ( Rabbit )	-
Quartz 14808-60-7	= 500 mg/kg ( Rat )	-	-

**SECTION 11 – TOXICOLOGICAL INFORMATION** *(Continued)***INFORMATION ON TOXICOLOGICAL EFFECTS**

**Symptoms** No information available.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE**

**Skin corrosion/irritation** Can cause skin irritation.

**Serious eye damage/eye irritation** Irritating to eyes.

**Irritation** Irritating to eyes and skin.

**Corrosivity** Not classified.

**Sensitization** May cause sensitization of susceptible persons.

**Germ cell mutagenicity** This product does not contain any ingredients that cause germ cell mutagenicity.

**Carcinogenicity** The legend below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

**ACGIH (American Conference of Governmental Industrial Hygienists)**

*A1 - Known Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Animal Carcinogen*

*A4 - Not Classifiable as a Human Carcinogen*

**IARC (International Agency for Research on Cancer)**

*Group 1 - Carcinogenic to Humans*

*Group 2A - Probably Carcinogenic to Humans*

*Group 2B - Possibly Carcinogenic to Humans*

*Group 3 - Not classifiable as a human carcinogen.*

**NTP (National Toxicology Program)**

*Known - Known Carcinogen*

*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

*X - Present*

**Reproductive toxicity** None known for product as a whole.

**Developmental toxicity** None known for product as a whole.

**Teratogenicity** None known.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION**

The following values are calculated based on chapter 3.1 of the GHS document. For exterior use only. Do not use indoors.

**ATEmix (oral)** 25,120.00

**ATEmix (dermal)** 14,188.00

## SECTION 12 - ECOLOGICAL INFORMATION

### ECOTOXICITY

The following table lists information related to aquatic toxicity.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Diisodecyl Pthalate 68515-49-1	1.3: 96 h Pseudokirchneriella subcapitata mg/L EC50	0.66: 96 h Pimephales promelas mg/L LC50 static 1: 96 h Pimephales promelas mg/L LC50 flow-through 1: 96 h Oncorhynchus mykiss mg/L LC50 static 0.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.55: 96 h Lepomis macrochirus mg/L LC50 static	0.18: 48 h Daphnia magna mg/L EC50

### PERSISTENCE AND DEGRADABILITY

No information available.

### BIOACCUMULATION

No information available.

### OTHER ADVERSE EFFECTS

No information available

## SECTION 13 - DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

#### Disposal of wastes

Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

#### Contaminated packaging

Do not reuse container

## SECTION 14 - TRANSPORT INFORMATION

**Note:** This material is not subject to regulation as a hazardous material for shipping.

**DOT** Not regulated.

**TDG** Not regulated.

**MEX** Not regulated.

**ICAO (air)** Not regulated.

**IATA** Not regulated.

**IMDG** Not regulated.

**RID** Not applicable in the United States. Not Regulated.

**ADR** Not applicable in the United States. Not Regulated.

**ADN** Not applicable in the United States. Not Regulated.



**SECTION 15 - REGULATORY INFORMATION** *(Continues)***INTERNATIONAL INVENTORIES**

**TSCA** All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.  
**DSL/NDSL** All of the components of this product are listed on the DSL.

**LEGEND:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US FEDERAL REGULATIONS****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 HAZARD CATEGORIES**

**Acute health hazard** No  
**Chronic Health Hazard** No  
**Fire hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**CWA (CLEAN WATER ACT)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Hazardous Substances
Diisodecyl Pthalate 68515-49-1	-	X	-

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**US STATE REGULATIONS**

No information available.

**CALIFORNIA PROPOSITION 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Diisodecyl Pthalate 68515-49-1	Developmental
Titanium Dioxide - 13463-67-7	Carcinogen
Quartz - 14808-60-7	Carcinogen

**SECTION 15 - REGULATORY INFORMATION** *(Continued)***U.S. STATE RIGHT-TO-KNOW REGULATIONS**

This product contains the following substances regulated by various State Right-to-Know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	X	X	X
Diisodecyl Phthalate 68515-49-1	-	-	X
Titanium Dioxide 13463-67-7	X	X	X
Quartz 14808-60-7	X	X	X

**U.S. EPA LABEL INFORMATION**

**EPA Pesticide Registration**

Number Not applicable

**SECTION 16 - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION****NFPA**

**Health hazards** 1      **Flammability** 0      **Instability** 0      **Physical and Chemical Properties** -

**HMIS**

**Health hazards** 1      **Flammability** 0      **Physical Hazards** 0      **Personal protection** -

**Issue Date** 02 June 2017

**Revision Date** 02 June 2017

**REVISION NOTE**

No information available.

**DISCLAIMER**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

