

Safety Data Sheet

LevelStrong High Strength Self Leveling Underlayment

Revision date: 20.06.2018

Product code: SL293

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1. Identification

Product identifier

LevelStrong High Strength Self Leveling Underlayment

Recommended use of the chemical and restrictions on use**Use of the substance/mixture**

Cementitious leveling compound for professional use in construction.

Details of the supplier of the safety data sheet

Company name: KOSTER American Corp.
 Street: 2585 Aviator Drive
 Place: USA Virginia Beach, VA 23453 USA
 Telephone: +1 757 425-1206 Telefax: +1 757 425-9951
 e-mail: info@kosterusa.com
 Internet: www.kosterusa.com

Emergency phone number: INFOTRAC 800-535-5053 - Contract no. 76280

2. Hazard(s) identification

Label elements

Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:



3. Composition/information on ingredients

Mixtures**Hazardous components**

CAS No	Components	Quantity
14808-60-7	Quartz sand, silica, SiO ₂	40-60 %
65997-15-1	portland cement	<10 %

4. First-aid measures

Description of first aid measures**General information**

First aider: Pay attention to self-protection. Remove affected person from the danger area.

After inhalation

Provide fresh air. Medical treatment necessary.

After contact with skin

Wash immediately with water. Remove contaminated clothing and wash before reuse. If skin irritation occurs, seek medical attention.

After contact with eyes

Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and seek medical attention.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Adverse human health effects

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and symptoms: Gastric perforation. Do not allow a neutralisation agent to be drunk. Seek medical attention.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media**Suitable extinguishing media**

Co-ordinate fire-fighting measures to surroundings.

Specific hazards arising from the chemical

Non-flammable.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental regulation.

Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling**Advice on safe handling**

If handled uncovered, use local exhaust ventilation. Avoid dust formation. Do not breathe dust.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations.

Advice on storage compatibility

No special measures are necessary.

8. Exposure controls/personal protection

Control parameters

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Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
65997-15-1	Portland cement (resp)	-	5		TWA (8 h)	REL
65997-15-1	Portland cement, respirable fraction	1765 mp/m ³	5		TWA (8 h)	PEL
14808-60-7	Silica, crystalline (as respirable dust)	-	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline quartz, respirable dust	(Z-3)	(Z-3)		TWA (8 h)	PEL

Exposure controls**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection

Suitable eye protection: safety glasses, goggles, or face shield.

Hand protection

Wear appropriate chemical resistant work gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	Solid
Color:	Grey
pH-Value:	>12 in water
Changes in the physical state	
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	not applicable
Sublimation point:	not applicable
Flash point:	not applicable
Flammability	
Solid:	not flammable
Gas:	not applicable
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Vapor pressure:	not determined
Vapor pressure:	not determined
Water solubility:	slightly soluble
Partition coefficient:	not determined
Vapor density:	not applicable

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Evaporation rate: not applicable

Other information

Solid content: 100

10. Stability and reactivity**Reactivity**

Possibility of hazardous reactions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Exothermic reaction with: Water, acids.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

Keep away from: acids, ammonium salts.

Hazardous decomposition products

No known hazardous decomposition products

11. Toxicological information**Information on toxicological effects****ATEmix tested**

	Dose	Species	Source
LD50, oral	2000 mg/kg	Rabbit	Kietzmann et al 1999

Acute toxicity

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
65997-15-1	portland cement				
	dermal	LD50 2000 mg/kg	Rabbit	Kietzmann et al 1999	

Carcinogenic/mutagenic/toxic effects for reproduction

SILICA WARNING: Contains quartz sand (crystalline silica). Excessive exposure to respirable crystalline silica can cause silicosis and may cause other types of lung disease. Crystalline silica is considered a hazard by inhalation and under IARC is classified in Group 1, carcinogenic to humans. Use engineering controls and work practices such as local exhaust ventilation to avoid exposure and wear a N-95 dust mask while mixing.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Silica dust, crystalline, in the form of quartz or cristobalite (CAS 14808-60-7) is listed in group 1.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

12. Ecological information**Ecotoxicity**

The product is not: Ecotoxic

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

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The product has not been tested.

Mobility in soil

The product has not been tested

Other adverse effects

No information available.

Further information

Avoid release to the environment.

13. Disposal considerations**Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable regulations.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information**Special precautions for user**

Not applicable - not regulated.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information**U.S. Regulations****National regulatory information**

SARA Section 311/312 Hazards:

Quartz sand, silica, SiO₂ (14808-60-7): Delayed (chronic) health hazard

portland cement (65997-15-1): Immediate (acute) health hazard

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

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Revision No: 1.03

(Data for the hazardous ingredients were taken from the most recent versions of suppliers safety data sheets.)