

Safety Data Sheet

KOSTER LevelStrong SC

Revision date: 12.03.2019

Product code: SL282022

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1. Identification**Product identifier**

KOSTER LevelStrong SC

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

High Performance, cement-based, trowel applied self-leveling underlayment

Uses advised against

The product is intended for professional use.

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****Classification of the chemical****GHS-US Classification**

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Carcinogenicity: Carc. 1

Specific target organ toxicity repeated or prolonged exposure: STOT RE 1

Label elements**GHS Pictograms****Signal word:** Danger**Pictograms:****Hazard statements**

Causes skin irritation

Causes serious eye damage

May cause respiratory irritation

Causes damage to organs (lungs) through prolonged or repeated exposure

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

If on skin: Wash with plenty of water.

Take off immediately all contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Remove contact lenses, if present and easy to do. Continue rinsing.

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Immediately call a poison center/doctor.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If inhaled: Call a poison center if you feel unwell.
 Store in a well-ventilated place. Keep container tightly closed.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Dispose of contents/container to or in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Components	Quantity
1317-65-3	Limestone	20-40%
7778-18-9	Calcium sulfate	10-25%
65997-15-1	portland cement	5-15%
24937-78-8	Vinyl acetate copolymer	10-20%
9004-34-6	Cellulose	1-5%

4. First-aid measures

Description of first aid measures

After inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

After contact with skin

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

After contact with eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

After ingestion

If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

May cause respiratory irritation.
 Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.
 Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
 May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Treat for surrounding material.

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Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Products of combustion may include, and are not limited to: oxides of carbon.

Special protective equipment and precautions for fire-fighters

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Methods and material for containment and cleaning up

Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Avoid generating dust. Vacuum or sweep material and place in a disposal container. Provide ventilation.

Reference to other sections

See section 8 for further information on protective clothing and equipment. See section 13 for advice on waste disposal.

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area.

Further information on handling

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

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

Keep out of the reach of children. Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place. Keep out of direct sunlight. Keep away from food and drink.

8. Exposure controls/personal protection**Control parameters****Exposure limits**

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
1317-65-3	Calcium Carbonate Respirable fraction	-	5		TWA (8 h)	PEL
1317-65-3	Calcium carbonate (resp)	-	5		TWA (8 h)	REL
7778-18-9	Calcium sulfate (resp)	-	5		TWA (8 h)	REL
7778-18-9	Calcium sulfate Respirable fraction	-	5		TWA (8 h)	PEL
9004-34-6	Cellulose (total)	-	10		TWA (8 h)	REL
9004-34-6	Cellulose Respirable fraction	-	5		TWA (8 h)	PEL
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

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Exposure controls

Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Protective and hygiene measures

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Eye/face protection

Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

Hand protection

Protective gloves made of rubber or PVC.

Skin protection

Wear suitable protective clothing.

Respiratory protection

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

Environmental exposure controls

Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Solid (Fine Powder)
Color:	Light Gray
Odor:	Low odor
pH-Value:	11 (wet state)

Changes in the physical state

Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available

Flammability

Solid:	Not flammable
Gas:	Not flammable
Vapor pressure:	No data available
Vapor pressure:	No data available
Density:	No data available
Bulk density:	No data available
Water solubility:	No data available

10. Stability and reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under normal storage conditions.

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Possibility of hazardous reactions

When mixed with water, products produce an alkaline solution.

Conditions to avoid

Heat incompatible materials, water/humidity.

Incompatible materials

None known.

Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

11. Toxicological information**Information on toxicological effects****Toxicokinetics, metabolism and distribution**

Not classified

Acute toxicity

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

12. Ecological information**Ecotoxicity**

May cause long term adverse effects in the aquatic environment.

Mobility in soil

No additional information available.

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

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

14. Transport information

US DOT 49 CFR 172.101

Shipping:

Not regulated for transport

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

SARA Section 311/312 Hazards:

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 no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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16. Other information

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