

Safety Data Sheet

Material Name: **KOSTER SL Premium**

Product Code: 05.08025

***** Section 1 – Chemical Product and Company Identification *******1.1 Product Identifier**

KOSTER SL Premium

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Fast curing floor underlayment. The product is intended for professional use. Building and construction work not covered elsewhere.

Uses advised against

Not for construction molding etc. Always get advice from supplier before considering other use than recommended.

1.3. Details of the supplier of the safety data sheet

Company Name: KOSTER American Corporation
Street: 2585 Aviator Drive
Place: Virginia Beach, VA 23453
Telephone: 757-425-1206
e-mail: info@kosterusa.com
Internet: www.kosterusa.com
Emergency Response: INFOTRAC Contract #76280

1.4 Emergency Telephone Number: 800-535-5053***** Section 2 – Hazards Identification *******2.1. Classification of the substance or mixture**

Indications of danger: Xi - Irritant

R phrases:

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

May cause sensitization by skin contact.

GHS classification

Hazard categories:

Acute toxicity: Acute Tox. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes serious eye damage.

Causes skin irritation.

2.2. Label elements

Hazardous components which must be listed on the label

Signal word: Danger

Pictograms: GHS05

**Hazard Statements**

H318 Causes serious eye damage.

H315 Causes skin irritation.

Material Name: KOSTER SL Premium**Product Code: 05.08025****Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

***** Section 3 – Composition/information on ingredients *******3.2 Mixtures****Chemical characterization**

Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight).

Component Name:	CAS No	EC No	Classification	Content
Portland Cement Clinker	65997-15-1	266-043-4	Xi; R37/38, R41 Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335	< 10%

Full text of R and H phrases: see Section 16

***** Section 4 – First Aid Measures *******4.1. Description of first aid measures****General**

First aider: Pay attention to self-protection! By avoiding direct contact with wet or dry product most discomforts will be prevented.

Inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Skin Contact:

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Medical treatment necessary.

Eye Contact:

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

Ingestion:

Rinse mouth immediately and drink plenty of water.

***** Section 5 – Fire Fighting Measures *******5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

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

Additional information

Suppress gases/vapors/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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***** Section 6 – Accidental Release Measures *****

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

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

***** Section 7 – Handling and Storage *****

7.1. Precautions for safe handling

Advice on safe handling

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

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

Do not breathe dust. No special technical protective measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep the packing dry and well-sealed to prevent contamination and absorption of humidity.

7.3 Specific end use.

See section 1.

***** Section 8 – Exposure Controls / Personal Protection *****

8.1. Control parameters

<u>Component Name</u>	<u>Identification</u>	<u>Value</u>	<u>Comment/year</u>
Portland Cement Clinker	65997-15-1	3 mg/m ³ , TLV, respirable fraction	TWA (8 hr) STEL (15 min)

8.2. 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. Protect skin by using skin protective cream.

After work, wash hands and face. When using do not eat or drink.

Eye/face protection

In the case of the formation of dust. Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Half-mask with filter

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***** Section 9 – Physical & Chemical Properties *******9.1. Information on basic physical and chemical properties**

Physical State: solid
Color: Grey
Odor: Odorless

Changes in the physical state**Flammability**

Solid: Non-flammable

Physical hazards:

Explosive properties: Not explosive
Oxidizing properties: Not oxidizing
Bulk density: 1.0 – 1.5 kg/m³
Water Solubility: practically insoluble

***** Section 10 – Stability & Reactivity *******10.5. Incompatible materials**

Aluminum. Acid.

***** Section 11 – Toxicological Information *******11.1. Information on toxicological effects****ATEmix calculated**

ATE (inhalative aerosol) 0,013 mg/l

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
65997-15-1	Portland Cement Clinker				
	Dermal	LD50	2000 mg/kg	Kaninchen	Kietzmann et al 1999
	Inhalative aerosol	LC50	0.0005 mg/l	Rat	TNO Report V8801/02

Irritation and corrosivity

Irritating to eyes. Risk of serious damage to eyes. Following inhalation: Lung irritation. Coughing. shortage of breath. After skin contact: Irritant.

Sensitizing effects

May cause sensitization by skin contact.

Carcinogenic/mutagenic/toxic effects for reproduction

No indications of human reproductive toxicity exist.

***** Section 12 – Ecological Information *******12.1. Toxicity**

Inorganic product which is not eliminable from water through biological cleaning processes. Product is not easily biodegradable.

12.2. Persistence and degradability:

The methods for determining the biological degradability are not applicable to inorganic substances. According to experiences this product is inert and not degradable.

12.3 Bioaccumulative potential: Does not accumulate in organisms.**12.5. Results of PBT and vPvB assessment:** The components in this formulation do not meet the criteria for classification as PBT or vPvB.**12.6 Other adverse effects:** No information available

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***** Section 13 – Disposal Considerations *******13.1. Waste treatment methods****Advice on disposal:** Dispose of waste according to applicable legislation.**Contaminated Packaging:** Water (with cleaning agent). Completely emptied packages can be recycled.**Other information:** Do not dispose in sewers systems and surface waters.***** Section 14 – Transportation Information *****

Not regulated.

***** Section 15 – Regulatory Information *****

All raw materials are on the U.S. EPA TSCA Inventory list.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating Class (D): 1 – Slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

***** Section 16 – Other Information *******Supplier's notes:** When using product older than twelve months the risk of allergic skin reaction cannot be excluded.**Classification:** Hazardous classification according to CLP:**List of relevant H phrases. From section 2 and 3.**

H315: Causes skin irritation.

H318: Causes serious eye damage

List of relevant P phrases.

P101 If medical advice is needed, have product container or label at hand.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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MSDS History

New MSDS Date: 6/17/2014

This is the end of MSDS