



World StrongGuard
TECHNOLOGY[®]

World StrongGuard

www.worldstrongguard.hu

SAFETY DATA SHEET

Drawn in accordance with regulation 453/2010/EU modified by 1970/2006/EK REACH.
World Strong Guard thick layered watertight floor screed

Date of issue: 13.07.2015

PHASE 1.: Identification of material/mixture and company/firm

1.1. Product ID

Trading name: *World Strong Guard thick layered watertight floor screed*

ID code for ordering: WSG1003-HU

1.2. Adequate identified application of the material, and its contraindicated application

Use of product: thick layered watertight floor screed

1.3. Data of Safety Data Sheet supplier

Manufacturer/distributor: World Strong Guard KFT
5900 Orosháza, Gyártelep u. 13.

Email: worldstrongguardkft@gmail.com

1.4. Emergency address

Address: Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)
1096 Budapest, Nagyvárad tér 2.

Telephone number: +36-80-201199 (free of charge all through the day and night), +36-1-4766464

PHASE 2.: Definition of danger

2.1. Category of material or mixture

Definition of product: mixture
as per regulation 1272/2008/EK (CLP/GHS)

R36 Eye irritating effect.
R38 Skin irritating effect.
R43 Contact with skin causes hypersensitivity.

2.2. Labelling elements

R36 Eye irritating effect.
R38 Skin irritating effect.
R43 Contact with skin causes hypersensitivity
R36 Eye irritating effect.
R38 Skin irritating effect.
R43 Contact with skin causes hypersensitivity
S 2 To be avoided by children.
S 24 Contact with skin to be avoided.
S 25 Contact with eyes to be avoided.
S 26 If it gets into the eyes, wash the eyes with plenty of water and see a doctor immediately.
S 37 Adequate protective gloves must be worn.

World Strong Guard Korlátolt Felelősségű Társaság

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Telefon/fax: +36-68/410-769 Cégjegyzék szám: 0409013104 Adószám: 24989242204 KSH szám: 24989242236111304
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PHASE 3.: Date referring to composition or components

3.1 Materials

Portland cement and World Strong Guard sealing material mixture.

Dangerous components:

65997-15-1 cement 23-33%

R 36, R 38, R 43

1305-78-8 World Strong Guard sealing material 3%

R 36, R 38, R 43

PHASE 4.: First aid assistance

4.1. Statement of first aid assistance actions

General information: Staff assisting in first aid do not have to wear protective equipment. The staff assisting in first aid must avoid contact with the fresh mortar World Strong Guard thick layered watertight floor screed product.

If it gets into the eyes: Do not rub eyes, because of the mechanical pressure, the cornea might get damaged. Turn to occupational health expert or oculist.

Contact with skin: In case of dry World Strong Guard thick layered watertight floor screed, this must be removed from skin and rinse with plenty of water. In case of fresh mortar World Strong Guard thick layered watertight floor screed bond skin must be rinsed with plenty of water. In case of any irritation or burn wound, see the doctor.

Breathed in: The injured person must be taken out in the fresh air. The dust that got into the nose or throat will clear itself out. In case of permanent or late irritation, or if unpleasant feeling, cough or other symptoms, see the doctor by all means.

Swallowed: Do not make the person throw up. If injured is conscious, wash mouth with water and then make the injured drink plenty of water. Turn immediately to doctor or poison centre (ETTSZ).

4.2. The most important – acute and delayed – symptoms and effects

If it gets into the eyes if it gets into the eyes (dry or fresh mortar) World Strong Guard thick layered watertight floor screed may cause severe or irreversible damage.

Contact with skin: In case of longer contact with skin the World Strong Guard thick layered watertight floor screed has irritant effect on wet skin(due to sweating or moisture), and if contact is repeated it causes skin inflammation. Long contact with the fresh mortar World Strong Guard thick layered watertight floor screed may cause severe burning wounds, as the wounds evolve without pain.

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Breathed in: The general application World Strong Guard thick layered watertight floor screed bond powder, if inhaled for longer time, increases the danger of lung diseases.

If it gets out in the environment: In case of normal application the general application of World Strong Guard thick layered watertight floor screed is not dangerous to the environment.

4.3. Warning for necessary medical assistance and special treatment

If the injured person turns to doctor, they should have this safety data sheet on them.

PHASE 5.: Fire fighting measures

5.1. Extinguishing agent

The general application type World Strong Guard thick layered watertight floor screed is not flammable.

5.2. Specific dangers deriving from the material or mixture

The World Strong Guard thick layered watertight floor screed is inflammable, not explosive and does not cause or feed other materials burning.

5.3. Recommendation for fire fighters

The World Strong Guard thick layered watertight floor screed does not have any dangerous features related to fire.

PHASE 6.: Actions in case of accidental exposure

6.1. Personal precautionary actions, individual protective equipment and emergency procedure

6.1.1. In case of non-emergency staff

Protective equipment must be worn as per description of phase 8.

Information related to safe handling and application are shown in phase 7.

6.1.2. In case of emergency staff

No emergency action is required, but in case of high powder concentration respiratory protection is required.

6.2. Environmental safety precautionary measures

The World Strong Guard thick layered watertight floor screed must not be released into the sewerage or water (for ex. watercourses).

6.3. Area demarcation and the methods and materials to prevent pollution

The scattered product must be amassed in dry state, if possible.

The cleaning method to be applied is one that does not scatter the product in the air, for example hoovering or suction.

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An alternative solution is to pick up the World Strong Guard thick layered watertight floor screed with a brush and shovel. If wet product is scattered it must be picked up with shovel and the spot must be wiped with a cloth.

Contact of the World Strong Guard thick layered watertight floor screed with skin and inhaling it must be avoided. The scattered material must be placed in a container before power is cut, as shown in phase 13.

6.4. Reference with other phases

Further information are comprised in phases 7.8. and 13.

PHASE 7.: Handling and storage

7.1. Precautionary measures for safe handling

7.1.1. Precautionary measures

Recommendations in phase 8. must be complied with.

Information regarding clean up of dry World Strong Guard thick layered watertight floor screed are comprised in subsection 6.3.

Measures preventing aerosol and powder formation:

It can be cleaned with a brush. The cleaning method to be applied is one that does not scatter the product in the air, for example hoovering or suction.

7.1.2. Recommendations for general occupational hygiene

The product cannot be handled in proximity of food, drinks or tobacco.

In dusty environment, anti-dust mask and protective glasses must be worn.

To avoid contact with the skin, use protective gloves.

7.2. Conditions of safe storage, with eventual conflict of interest

The product cannot be stored in proximity of food, drinks or tobacco.

The packed products are to be stored in unopened sacks, kept clean from soil, in cool and dry place, protected by draught, so that quality be preserved. The sacks must be piled up in a stable pile.

7.3. Determined end usage (end users)

No further information are available (see subsection 1.2.).

PHASE 8.: Inspection of exposure/ individual protection

8.1. Inspection parameters

Supplementary information for shaping the engineering equipment:

Washing possibility must be assured at the work place.

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The components' referred to work place limits that require supervision:

65997-15-1 cement (23-33 %)

1305-78-8 World Strong Guard sealing material (3 %)

Supplementary information:

The starting point was the valid lists at the time of origination.

Individual protective equipment:

General protective and hygiene actions:

To be kept at distance from food, drinks and pesticides.

During working one must not eat, drink or smoke.

After finishing work and before inter- job breaks the skin must be thoroughly washed. Prevent the material getting into the eyes.

Breathing protection: in case of exceeding the limit, breathing protection, For example whole mask with particle filter P2 (white) or dustfilter mask (half quarter mask with particle filter).

Hand protection: protect the product from moisture and water. Use of protective gloves recommended.

Eye protection: very tight protective glasses.

Body protection: protective equipment.

PHASE 9.: Physical and chemical features

9.1. Information related to basic physical and chemical features

General data	
shape	dust
colour	grey
odor	odorless
Changes in state	
melting point/melting range	not definable
boiling point/boiling range	not usable
blastpoint	not usable
auto ignition	the material is not self igniting
blast danger	the material does not pose blast risk
density	2 g/cm ³ at 20 °C
solubility/mixing with the following water:	soluble

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PHASE 10.: Stability and reaction readiness

10.1. Reaction readiness

When mixed with water the World Strong Guard thick layered watertight floor screed hardens into a stable dollop which does not react in normal environment.

10.2. Chemical stability

The dry World Strong Guard thick layered watertight floor screed is stable as long as it is stored adequately (see phase 7.) and is compatible with the majority of building materials. It must be kept dry. Contact with non-compatible materials must be avoided.

10.3. Possibility of dangerous reactions

The product does not enter into dangerous reactions.

10.4. Circumstances to be avoided

When stored, moisture can cause clumping and worsen the quality of the product

10.5. Non compatible materials

Acids, ammonium salts, aluminium or other non-ferrous metals. The uncontrollable use of aluminium dust is to be avoided because of the fresh mortar World Strong Guard thick layered watertight floor screed' cement content, because hydrogen is formed.

10.6. Dangerous decomposition products

The World Strong Guard thick layered watertight floor screed does not have any dangerous decomposition materials.

PHASE 11.: Toxicological data

11.1. Information related to toxicological effects

Acute toxicity:

-classification relevant LD=LC50-values: no data are not given:

-primer irritant effect:

on skin: irritates the skin and the mucus

in eyes: irritating effect

-sensitivity: in contact with skin, hypersensitivity is possible.

Further toxicological information:

In the calculation, based on general categorization guidelines in effect, the product raises the following danger: it is irritating.

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PHASE 12.: Ecological information

12.1. Toxicity

The product is not dangerous to the environment.

12.2. Persistency and degradability

Not essential, as World Strong Guard thick layered watertight floor screed is an inorganic material. After hardening the World Strong Guard thick layered watertight floor screed does not pose toxicity risks.

12.3. Bioaccumulation ability

Not essential, as World Strong Guard thick layered watertight floor screed is an inorganic material. After hardening the World Strong Guard thick layered watertight floor screed does not pose toxicity risks.

12.4. Mobility in the soil

Not essential, as World Strong Guard thick layered watertight floor screed is an inorganic material. After hardening the World Strong Guard thick layered watertight floor screed does not pose toxicity risks.

12.5. Results of the PBT- and vPvB-evaluation

Not essential, as World Strong Guard thick layered watertight floor screed is an inorganic material. After hardening the World Strong Guard thick layered watertight floor screed does not pose toxicity risks.

12.6. Other harmful effect

Not essential.

PHASE 13.: Disposal viewpoints

13.1. Waste disposal methods

The waste must not be released in sewerage or in watercourses or surface waters.

Product –not used leftovers or dry release

The dry, unused leftovers or dry releases are to be picked up. The tank must be marked.

If possible it should be re-used, taking into consideration the shelf life. In case of power cut it must be hardened with water, then disposed of based on description „Product – after adding water to it hardened”.

Product – after adding water, hardened

It should be disposed of in accordance with local regulations. It must not get into the sewerage. Solid waste should be disposed of as concrete waste Due to neutralization, the concrete waste is not hazardous waste.

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EWC-code:

10 13 14 waste concrete and concrete manufacturing sludge
17 01 01 concrete

Packaging

Packaging must be fully emptied and processed in accordance with local regulations.

EWC-code:

15 01 01 paper and cardboard waste

Regulations related to waste:

98/2001. (VI. 15.) Government regulation related to activities carried out with hazardous waste
72/2013 (VIII. 27.) VM regulation about waste registration
442/2012. (XII. 29.) Government regulation about packaging and packaging waste management activity

PHASE 14. Information about delivery/transport

International regulations related to transport of hazardous materials does not apply in case of the World Strong Guard thick layered watertight floor screed, so no registration/listing is needed.

No specific precautionary measures are to be taken others then the ones described in phase 8.

PHASE 15.: Information related to regulations

15.1. Safety, health and environmental protective regulations/laws referring to this material

According to REACH the cement is a mixture and is not liable to be registered, as a result of this World Strong Guard thick layered watertight floor screed, is not liable to registration due to its cement content. [REACH, 2. clause (7) paragraph) b point and appendix V: 10].

In force Hungarian regulations and rules

Hazardous materials, products:

2000. year XXV. law on chemical safety

44/2000. (XII. 27.) EüM regulation, and its modifications respectively [33/2004. (IV. 26.) EszCsM and 26/2007. (VI. 7.) EüM(1907/2006/EK REACH) regulations] procedures related to hazardous materials and hazardous products, and detailed regulations of the operation
26/2007. (VI. 7.) EüM(1907/2006/EK REACH), and modifications of [453/2010/EU (V. 10.)]regulation

The European Parliament and Council's 1272/2008/EK regulation (2008. December 16.) about the categorization of materials and mixture, their labelling and packaging,

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67/548/EGK and the modification and invalidation of 1999/45/EK, also the change of regulation 1907/2006/EK 25/2000. (IX. 30.) EüM-SzCsM common regulations about the chemical safety of workplaces

The Committee' regulation 552/2009/EK (2009. June 22.) about the registration of chemical materials, their evaluation, their granting and limitations (REACH) and European Parliament and Council regulation 1907/2006/EK and modification of appendix XVII.

Hazardous waste:

98/2001. (VI. 15.) Government regulation on the conditions of hazardous material related activities 72/2013 (VIII. 27.) VM regulation on waste registration

442/2012. (XII. 29.) Government regulation about the packaging and packaging waste related waste management activity.

Fire protection:

54/2014. (XII. 5.) BM regulation about the National Fire protection Regulation

Work protection:

1993. year XCIII. law on work protection 3/2002. (II. 8.) SzCsM-EüM common regulation about the minimal level of work place protection level.

15.2. Chemical safety evaluation

No chemical safety evaluation was made about the World Strong Guard thick layered watertight floor screed, as no evaluation was carried out on the cement used.

PHASE 16.:Other information

R36 Eye irritation effect.

R38 Skin irritating effect.

R43 Contact with skin causes hypersensitivity.

S 2 To be avoided by children.

S 24 Contact with skin to be avoided.

S 25 Contact with eyes to be avoided.

S 26 If it gets into the eyes, wash the eyes with plenty of water and see a doctor immediately.

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