

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 20.06.2025

Version number 1

Revision: 20.06.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name: STEREA COLOURGROUT****UFI: JS30-H0MV-C00W-X17G****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture: Grout for tiles**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

INTERMIX-AE CEMENT TITAN

Address : 22A Chalkidos, Athens, 11143

Telephone : 210-259 1111

Fax : 210-259 1576

email : info@titan.gr

www.titan.gr

1.4 Emergency telephone number:

European Emergency Tel.: 112

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

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Hazard pictograms:

GHS05 GHS07

Signal word: Danger**Hazard-determining components of labelling:**

Cement Portland

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Precautionary statements

P102 Keep out of reach of children.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P310 Immediately call a POISON CENTER/doctor.

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Information concerning particular hazards for human and environment:

Skin contact with wet cement, fresh concrete or mortar may cause irritation, dermatitis or burns

May cause damage to products made of aluminium or other non-noble metals.

2.3 Other hazards**Results of PBT and vPvB assessment**

The product does not contain ingredients that are considered either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

PBT: Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties**

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

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SECTION 3: Composition/information on ingredients
3.2 Mixtures
Description: Mixture: consisting of the following components.

Ingredients according Regulation (EU) 2020/878:

CAS: 1317-65-3 EINECS: 215-279-6	Limestone (calcium carbonate) substance with a Community workplace exposure limit	>50-≤70%
CAS: 65997-15-1 EINECS: 266-043-4	Cement Portland ☞ Eye Dam. 1, H318; ☞ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 substance with a Community workplace exposure limit	>30-≤50%

SVHC

This product does not contain candidate substances of very high concern at a concentration ≥0.1% (Regulation (EC) No 1907/2006 (REACH), Article 59)

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures
4.1 Description of first aid measures
General information: Take affected persons out into the fresh air.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Remove contaminated clothing.

After eye contact:

Avoid strong water jet-risk of cornea damage, consult a doctor.

Immediately rinse the eyes with plenty of water, alternately lifting the upper and lower eyelids.

Check and remove contact lenses if any.

Continue to rinse for 15 minutes.

Seek medical attention if irritation occurs.

After swallowing:

Consult the doctor immediately and show the label or this Safety Data Sheet.

Never give anything by mouth to an unconscious person.

Do not induce vomiting.

Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Hazards May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**CO₂, powder or water spray.

Use fire extinguishing methods suitable to surrounding conditions.

Foam

Sand or soil

5.2 Special hazards arising from the substance or mixture No further relevant information available.**5.3 Advice for firefighters****Protective equipment:**

Self-contained breathing apparatus and protective clothing in case of fire.

Wear eye protection.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Wear protective clothing.

6.1.1 For non-emergency personnel Avoid contact with dripping or leaking material.**6.1.2 For emergency responders**

Keep unprotected persons away.

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Prevent the product from entering sewers, rivers or the aquatic environment.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Open and handle receptacle with care.

Avoid contact with skin, eyes and clothing.

Information about fire - and explosion protection: No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Store in tightly closed containers, in a cool and dry place with good ventilation.**Requirements to be met by storerooms and receptacles:** Store in a cool location.

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Information about storage in one common storage facility: Not required.**Further information about storage conditions:**

Keep container tightly sealed.

Store under lock and key and with access restricted to technical experts or their assistants only.

Store under lock and key and out of the reach of children.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 1317-65-3 Limestone (calcium carbonate)**

WEL (United Kingdom)	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
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CAS: 65997-15-1 Cement Portland

WEL (United Kingdom)	Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust
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CAS: 13463-67-7 titanium dioxide

WEL (United Kingdom)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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CAS: 1309-37-1 diiron trioxide

WEL (United Kingdom)	Short-term value: 10* mg/m ³ Long-term value: 5* 10** 4*** mg/m ³ *fume (as Fe),**total respirable,***respirable
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DNELs

(CAS: 1309-64-4) Diantimony trioxide

Employees:

Inhalation - Long-term exposure, local effects: 0.315 mg/m³

Skin - Long-term exposure, systemic effects: 67 mg/kg bw/d

Consumers:

Inhalation - Long-term exposure, local effects: 0.095 mg/m³

Skin - Long-term exposure, systemic effects: 33,5 mg/kg bw/d

Oral - Long-term exposure, systemic effects: 33,5 mg/kg bw/d

(CAS: 13463-67-7) Titanium dioxide

workers:

Inhalation - Local effects, Long-term exposure: 1.25 mg/m³

Consumers:

Inhalation - Local effects, Long-term exposure: 210 µg/m³**8.2 Exposure controls****8.2.1. Appropriate engineering controls** Provide adequate ventilation.

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Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Hand protection

Suitable chemical resistant safety gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions.

Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection

Tightly sealed goggles (EN 166).

Body protection:

Chemically resistant protective clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Powder
Colour:	White, beige, grey, brown, black
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	Not specified
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not specified
Auto-ignition temperature:	Not specified
Decomposition temperature:	Not determined
pH at 20 °C	>10
Viscosity:	
Kinematic viscosity	Not determined
Dynamic:	Not determined
Solubility	
water:	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density:	Not determined
Relative density	Not determined
Vapour density	Not determined
Particle characteristics	See section 3.

9.2 Other information

Appearance:	
Form:	Dry powder
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	Not applicable
Fusion temperature / range:	Not applicable
Oxidising properties	Not oxidising
Evaporation rate	Not determined

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void

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Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity**10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability** Material is stable under normal conditions.**Thermal decomposition / conditions to be avoided** Stable at environment temperature.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

CAS: 13463-67-7 titanium dioxide

Oral	LD50	> 5000 mg/kg (rat)
Inhalative	LC50	>6.82 mg/L

CAS: 1309-37-1 diiron trioxide

Oral	LD50	> 5.000 mg/kg mg/kg (rat)
Inhalative	LC50 (4h)	> 5 mg/l (rat)

Specific symptoms in biological assay:**Skin corrosion/irritation** Causes skin irritation.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** May cause an allergic skin reaction.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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Carcinogenicity Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure**

The product is classified as Specific Target Organ Toxicity after single exposure Category 3

May cause respiratory irritation.

STOT-repeated exposure Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**Additional toxicological information:****Repeated dose toxicity** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:**

(CAS: 13463-67-7) titanium dioxide

Acute, freshwater, daphnia (*Daphnia magna*, <24h), EC50 (48h): >1000000 µg/lAcute, freshwater, daphnia (*Daphnia magna*, neonate), LC50 (48h): 20000 mg/lAcute, freshwater, daphnia (*Daphnia magna*, juvenile <24h), LC50 (48h): 5,5 ppmAcute, marine water, fish (*Fundulus heteroclitus*), LC50 (96h): >1000000 µg/lChronic, freshwater, daphnia (*Daphnia magna*, juvenile <24h), NOEC (48h): 1 ppmChronic, freshwater, daphnia (*Daphnia magna*, juvenile <24h), NOEC (48h): 500 ppm

(CAS: 1309-37-1) Diantimony trioxide

Toxicity to fish (*Danio rerio* – zebrafish): LC₅₀ > 50,000 mg/L (exposure time: 96 h, freshwater)Toxicity to daphnia and other aquatic molluscs: EC₅₀ > 100 mg/L (exposure time: 48 h, freshwater)Toxicity to micro-organisms (activated sludge): EC₅₀ > 10,000 mg/L (exposure time: 3 h, freshwater)

Chronic toxicity to daphnia and other aquatic molluscs: NOEC ≥ 20 mg/L (exposure time: 21 d, freshwater)

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment**

The product does not contain ingredients that are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative at levels of 0.1% or higher according to REACH, Annex XIII.

PBT: Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

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12.7 Other adverse effects
Additional ecological information:
General notes: Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations
13.1 Waste treatment methods
Recommendation


Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

European waste catalogue

HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP13	Sensitising

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG, IATA	Unenforceable. Not classified as dangerous for transport. Void
14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.

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14.6 Special precautions for user	Not applicable.
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14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
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UN "Model Regulation":	Void
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

The product contains less than 2 ppm (0,0002 w/w) Cr (VI) according to Annex XVII of REACH Regulation.

Directive 2012/18/EU**Named dangerous substances - ANNEX I** None of the ingredients is listed.**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 47**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations: None

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Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.


Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Classification according to Regulation (EC) No 1272/2008

Classification	Calculation method
Skin corrosion/irritation	
Serious eye damage/irritation	
Skin sensitisation	
Specific target organ toxicity (single exposure)	

Department issuing SDS:


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 REACH & Chemical Services Department
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 T: +30 210 8252510 | F: +30 210 8252575
 W: www.sustchem.gr | E: info@suschem.gr

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3