



MATERIAL SAFETY DATA SHEET
(MSDS)

Substance/preparation First Name LENS C.5015 SUPER FLEX GRANITE GLUE	Revision Date: 03.04.2023 Preparation Date: 03.04.2023
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SECTION 1. SUBSTANCE/MIXTURE AND COMPANY
INTRODUCTION

Product information:

Commercial First Name	:LENS C.5015 SUPER FLEX GRANITE ADHESIVE (C2TES2)
of matter use/preparation	:Cement-based, high performance ready-mixed mortar with reduced slip, extended open time, modified to gain high elasticity, used for bonding porcelain ceramic and granite ceramic materials, with improved additional properties.
Production/Delivery making	:KÖKSAL KARDESLER CONSTRUCTION MATERIALS İMALAT İND. AND TİC.LTD.ŞTİ ALİ RİZA BEY BULVARI NO: 4 CANIK/SAMSUN Phone: 0 362 228 8 228
Security about information giving:	: lens@lensboya.com.tr
Urgent cases advice	: 0 362 228 8 228 Poison Advice Central: 114

SECTION 2. HAZARDS INTRODUCTION

2.1. Article or of mixtures classification

Classification and your dangers Introduction: (TC 28848)

Skin Irritation-Category 2	H315
Skin Sensitization-Category 1B	H317
Eyelash Irritation-Category 1	H318
Clear Aim Organ toxicity, Only Exposed Stay-Category 3	H335

2.2. Ticket on specifying required informations





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Warnings: Danger

H315	Skin to the irritation path opens.
H317	Allergic skin to their reactions path opens.
H318	Serious eyelash to the damage path opens.
H335	Respiratory way to the irritation path can open.
P280	Glove / protector clothes get dressed / eyes / face protect.
P261	dust from breathing avoid.
P271	Only outside or Good ventilated One in the field use it.
P302+P352	SKIN WITH CONTACT IN CASE OF WHEREAS: Plenty soap and This with wash it. EYELASH WITH THEME IN CASE OF: This with a few minute carefully rinse.
P305+P351+P338+P310	Attached and to do if it's easy, ignition lenses remove it. to rinse continue do it. Immediately NATIONAL POISON ADVICE of the center 114 NO. PHONE or doctor/physician call.
P333+P313	in the skin irritation or itching promise subject whereas: Medical assistance/intervention forehead.
P363	Contaminated your clothes again without using before wash it.
P403+P233	Good ventilated One in the field store it. container firmly closed tobacco.
P501	Content/container international to the regulation according to disposal do it.

They cover: Portland cement, SiO₂

2.3. Other dangers

Mortar skin with in the theme; irritation, eczema or to burns reason it could be.

SECTION 3. COMPOSITION/CONTENTS ABOUT
INFORMATION

3.1. Mixtures

PORTLAND CEMENT

CAS its number	Concentration %	Classification	EC its number
65997-15-1	-	Skin irritation 2H315 Serious eyelash naughty 1,H318 Skin sensitivity 1B,H317 STOT only exposed stay respiratory irritation 3, H335	266-043-4

SiO₂

CAS its number	Concentration %	Classification	EC its number
14808-60-7	-	-	238-878-4



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SECTION 4. FIRST HELP PRECAUTIONS

4.1. First help measures definition

First help intervention for personal protector equipment not necessary. First help team prepared product with from contact should avoid.

Eyelash theme post:

Possible cornea from damage avoid for eye do not rub. Attached whereas ignition lenses remove it. your head damage seen to eye TRUE bend, -most little 20 minute eyelash your cover below particles until you get away plenty with water wash it.

Skin theme post:

Product with in contact plenty with water wash it. smeared clothes, shoe, glasses etc. remove it and again without using before clean it up. Irritation or burn in case of medical intervention must.

Breathing post:

Breathe Your nose damp Mucosa membrane, throat and top respiratory system irritation can. person clean into the air remove it. Throat and in the nose powders clean it up. Irritation if it occurs, cough and other symptoms if observed doctorate contact.

Swallowing post:

Do not vomit. of the person consciousness open whereas, water your mouth shake it and abundant This drink it. Poison immediately center or call the doctor. Skin and eyelash to the theme exposed from staying, dust from breathing be protected for Article 8' also stated personal protection their methods apply.

4.2. Main symptoms and effects, necessary acute whether more later emerge may come out those who

Known symptoms and effects ticket on stated:

Section 2.2 and /or Section 11th.

4.3. Immediately One doctorate to be consulted necessary whether that you are not or special your treatments necessary whether that they are not please specify

Doctorate when you apply to the product belonging Security Information form show.

SECTION 5. FIRE STRUGGLE PRECAUTIONS

5.1. Fire extinguishers

SUITABLE FIRE EXTINGUISHING EQUIPMENT

Carbon dioxide foam, powder and water vapor.

UNSUITABLE FIRE EXTINGUISHING EQUIPMENT

There is no particularly unsuitable equipment.



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5.2. Article or from the mix caused special dangers

FIRE IN CASE OF FROM EXPOSURE CAUSED HAZARDS

Combustion their products respiration avoid doing it. The product is flammable and powders in sufficient concentrations. when they are airborne and One exacerbation source available whereas, weather with explosive mixes occur can bring. Fire can come out or high to temperatures when it arrives or ignition sources contact with in case of, possible the captain is out the one which thick article with more can be fed.

5.3. Fire extinguishing to his officers oriented special advices

GENERAL INFORMATIONS

of the product decomposition and health potentially dangerous for the formation of substances to prevent containers for This jets with you cool down. Always to the fire opposite protection with complete equipment use it. To the sewer not to be discharged required fire extinguishing their waters collect. Fire extinguishing for used contaminated water and fire scraps in effect to the laws suitable way disposal should be done.

EQUIPMENT

Own yourself sufficient open circuit compressed weather respiratory device (MOST 137), by fire in the fight used protector clothes (EN469), firefighters for protector gloves (MOST 659) and fireman boots (HO A 29 or A30) like by fire struggle for normal equipment.

**SECTION 6. ACCIDENT RESULTS SPREAD
PRECAUTIONS**

6.1. Personal measures, protection assemblies and urgent situation in case of processes

into the air spread steam or powders in case of, respiratory ways for suitable One protection use it. This informations necessary worker this applies to officials as well as emergency responders. Put on the protective equipment described in clause 8 and defined trustworthy handling (use) and transport their advice follow-up Please pay.

6.2. Environmental measures

of the product to sewers, superficial to the waters, underground into the waters infiltrating prevent.

6.3. Limitation and improvement don't method and materials

Contain it with soil or inert material. Collect most of the material and remove the residue with water jets. contaminated dead of the material disposal to be made, article 13 in the context of found to the provisions suitable aspect should be carried out.

6.4. Other into sections references

Personal protection and disposal to the subjects related possible informations 8 and 13 numbered in chapters specified.

Açıklamalı [A1]:

Açıklamalı [A2R1]:



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SECTION 7. HANDLING AND STORAGE

7.1. Trustworthy use for protector measures

product, This Security Information of the form all other parts of it after reading later handle it. of the product to the environment the spread of prevent. Use during One thing do not eat, do not drink, cigarette do not drink.

7.2. Possible inconsistencies including, trustworthy storage conditions

Product tagged in containers casing alease pay. Section at 10 those specified control by, containers possible unsuitable from materials away casing do it.

7.3. Special uses

not found informations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure border values

VOCATIONAL EXPOSURE LIMITS:

Portland Cement

Total Dust Amount (TWA): 15 mg/m³

Respirable Dust Amount (TWA):5mg/m³

TWA: 8 hourly determined reference duration for measured or calculated time weighted average

TWA: time-weighted average/ Time weighted average value

8.2. Exposure controls

8.2.1. Engineering Precautions

appropriate technique taking measures, personal protection equipment should always be a priority, effective One local suction good ventilation of the working area must be ensured by means of Personal protective equipment, their current to the standards suitability proving CE mark should carry.

HAND PROTECTION

Long-term use of the product anticipating a contact your hands, penetration resistant work protecting with gloves is recommended. welcome (reference MOST 374 standard). Work your gloves material, use to the process and may occur the one which to products according to should be selected. Moreover latex your gloves, to sensitize from where may be is reminded.



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SKIN PROTECTION

Category II professional use purpose LONG -sleeved work clothes and security shoes get dressed (reference 89/686/EEC directive and MOST ISO 20344 standard). Protector clothes after removing later water and soap with wash it.

EYELASH PROTECTION

Weather proof glasses with together titled face trench or protector face trench attaching recommendation welcome (reference MOST 166 standard).

RESPIRATORY PROTECTION

Class (one, 2 or 3) and real requirement, risk of your assessment to the conclusion according to to be determined the one which... P medicine with filter One face of the mask use recommendation welcome (reference MOST 149 standard).

Ventilation from your devices emissions in including to be as, production processes emissions the environment protection to the normatives suitability in terms of control should be done.

SECTION 9. PHYSICALLY AND CHEMICAL FEATURES

9.1. Main physically and chemical features about informations

Physically Status	Dust.
Colour	Grey, White.
Smell	Odorless.
Smell threshold	Odorless because not determined.
pH	Available not.
Melting or freezing point	Available not.
First boiling point	Not applicable.
Boiling degree	Not applicable.
exacerbation point	Not applicable.
Evaporation speed	Liquid because there is no not determined.
solids and of gases their flammability	Available not.
exacerbation lower limit.	Available not.
exacerbation top limit.	Available not.
Explosion lower limit.	Liquid because there is no not determined.
Explosion top limit.	Liquid because there is no not determined.
Steam pressure	Liquid because there is no not determined.
Vapors density	Liquid because there is no not determined.
Specific weight	Available not.
Resolution	Available not.
Decomposition coefficient: n-octanol/water	Available not.
Spontaneously exacerbation temperature	Available not.
Decomposition temperature	Available not.
Viscosity	Liquid because there is no not determined.
Explosive features	Available not.
Flammable features	Available not.



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9.2. Other informations

not found informations.

SECTION 10. STABILITY AND REACTIVITY/REACTIVITY

10.1 reactivity

Normal use in the conditions other materials with special reaction danger there is none.

10.2. Chemical stability

Product, normal use and storage in the conditions is stable.

10.3. Dangerous reaction possibilities

Normal use and storage in the conditions dangerous reactions unpredictable.

10.4. Avoidance required situations

Moisture.

10.5. Avoidance required materials

acids, ammonium salts, aluminum or other valuable non- metals. oxidizer materials.

10.6. Dangerous degradation/decomposition products

not found informations.

SECTION 11th. TOXICOLOGY INFORMATION

11.1. Toxicological effects about information

Product with relating to experimental toxicological data absence in case of, your product health in terms of possible dangers covered article features on the basis classification for reference received normative in the context of envisaged to the criteria according to evaluated. From this because, to the product from exposure caused toxicological effects to evaluate for, possible aspect

3. in the section stated only substances their concentration consideration take it.

Acute effects: Respiratory system of diseases and/or asthma or skin/eye of their ailments formation can trigger.



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Portland cement
LD50 (oral)> 2000 mg/kg rat
LD50 (Leather)> 2000 mg/kg
rabbit

Skin corrosion/irritation: Wet to the skin contact when to thicken, to crack reason It is possible. Wear with together long term contact serious to burns reason it could be.

Serious eyelash damage/eye irritation: Cornea naughty and irritation reason it could be.

Skin sensitivity: Wet mortar eczema path can open. Long term contact in case of high pH and in the water Cr(IV) because of skin inflammation can do.

Respiratory way sensitivity: Suitable data

there is none.sex cell mutagenicity:

Suitable data there is none.

Carcinogenicity: IARC: % 0.1 either in more big in proportion found this your product no content IARC by likely, possible or approved carcinogenic aspect not defined.

Reproductive system toxicity: Suitable data there is none.

Clear Aim Organ Toxicity – Only exposed stay: Respiratory system and throat census can. Local exposure with cough, sneeze and short breath taking it could be.

Clear Aim Organ Toxicity – Repetitive exposed stay: Suitable data there is none.

Aspiration toxicity: Suitable data there is none.

SECTION 12. ECOLOGY INFORMATION

product to the environment good without throwing study apply their practices. product water roads or sewers. Reached or soil or crops polluted whereas official to the authorities news please give.

12.1. Ecotoxicity

not found informations.

12.2. Permanence and degradability

not found informations.

12.3. Bioaccumulation potential



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not found informations.

12.4. Mobility

not found informations.

12.5. PBT and vPvB evaluation results

currently available information according to, product 0.1% from more high in percent PBT or vPvB substances not included.

12.6. Other opposite effects

not found informations.

SECTION 13. DISPOSAL DO NOT INFORMATION

13.1. Waste processing method

Possible whereas, again use it. of the product ruins, dangerous special waste aspect acceptance should be done. This product partially including of waste dangerousness, in effect law to the provisions according to should be evaluated. disposal being made, National and possible local to the laws suitable aspect waste administration about authority owner One to the company delivery by being should be carried out. product Definitely ground, sewage and to the waterways Don't throw it away. Users, this on the subject current legislation follow-up should and they must comply.

CONTAMINATED PACKAGING

Contaminated packaging, recycling or disposal in accordance with national waste management laws to be made must be sent.

SECTION 14. TRANSPORTATION INFORMATION

Product, highway (ADR), railway (RID), Seaway (IMDG code) and airline (IATA) dangerous goods transportation in effect provisions in accordance with dangerous aspect international regulation in the scope of is not.

14.1 UN number: relationship there is none.

14.2 Suitable UN transportation First Name: relationship there is none.

14.3 Transportation harmfulness class(es): relationship there is none.

14.4 Packaging group: relationship there is none.

14.5 Environmental damages: relationship there is none.

14.6 User for special measures: relationship there is none.



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SECTION 15. LEGISLATION INFORMATION

15.1. Article or preparation for special health, security and to the environment related norm and regulations

- Ministry of Environment and Urbanization, Regulation on Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated December 11, 2013.
- T.R. Ministry of Labor and Social Security, Law No. 6331, dated June 30, 2012, on Occupational Health and Safety.
- T.R. Ministry of Labor and Social Security, Regulation on the Use of Personal Protective Equipment in Workplaces, dated July 2, 2013, numbered 28695.
- T.R. Ministry of Labor and Social Security, Regulation on Health and Safety Measures in Working with Chemical Substances, dated August 12, 2013, numbered 28733.

15.2. Chemical security assessment

Mixture and covered by to substances related aspect one chemical security evaluation not prepared.

SECTION 16. OTHER INFORMATIONS

2nd and to the 3rd chapters based on H notifications all text:

H315	Skin to the irritation path opens.
H317	Allergic skin to their reactions path opens.
H318	Serious eyelash to the damage path opens.
H335	Respiratory way to the irritation path can open.

OPEN LAMS:

- ADR: Dangerous of substances on the highway International transporting with relating to Europe Agreement
- CAS No: Chemical Abstract service record Its number
- CLP: EC 1272/2008 regulation
- DNEL: derived effect unobserved level
- GHS: Chemical substances classification and labeling for World across harmonized been taken system
- IATA DGR: International weather transportation Union's dangerous substances transport regulation
- IMDG: Dangerous of substances transport for International Marine Code
- IMO: International Marine organization
- INDEX NUMBER: of CLP VI annex specification its number
- LD50: Fatal concentration 50%
- PNEC: envisaged ineffective concentration
- REACH: EC 1907/2006 regulation
- RID: Train with dangerous substances international transport regulation
- TWA: Time weighted average exposure limit
- vPvB: to REACH according to A lot permanent and A lot bioaccumulative



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Users for information:

This document; LENS by of the product C. 5015 produced transport, storage and use of during may be encountered health and security considerations with this on the subjects to risks opposite to be taken measures includes, product characteristics and does not replace the warranty. This document; Contains minimum information for health and safety. User's study in the field may encounter, work to your safety related your risks all guess cannot be for receiving required It does not include all health and safety precautions. In summary, the risk assessment that the user should make at the job site of the process in its place does not pass and/or risk assessment for only per cannot be used. This in the document place area structure materials; your LENS technical in the documents defined purposes in the framework of their use for was designed. Our products with relating to detailed information and current technical to the documents to reach for www.lensboya.com.tr address should be applied. Your changes and current your documents tracking user's responsibility.