1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Product Name	ExperPlaster AG 21

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Acrylic emulsion based, one component, silicone added, grainy, top coat exterior coating- For only professional users.

Uses advised against: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet:

Company:	GÜVEN MADENCİLİK İNŞ. ve TİC. AŞ.
Address:	Ege Perla B Kule Kat:23 No:231/232 Konak İZMİR
Telephone:	+90 (232) 422 03 93
Related person for SDS e- mail address	Abdurrahman SAL asal@okkagroup.com.tr

1.4 Emergency telephone number:

Emergency Phone:	+90 (232) 422 03 93

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)
This product has not been classified as hazardous by CLP criteria

2.2. Label elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)
This product has not been labeled as hazardous by CLP criteria

Supplemental Hazard statement Code(s):

EUH208: Contains (Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one[EC no. 247-500-7] and 2-Methyl-2H -isothiazol-3-one [EC no. 220-239-6](3:1)). May produce an allergic reaction.

2.3 Other hazards: This mixture does not contain any PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XVIII.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances

Not application.

3.2 Mixture

Components

Chemical Name	Product Identifier	Content (%)	Classification (CLP) (No1272/2008)
Limestone (substance with a Community workplace exposure limit)	Cas No: 1317-65-3 EC No: 215-279-6	<80	_
Titanium dioxide Not 10 Not V Not W	Cas No: 13463-67-7 EC No: 236-675-5	<5	Carc. 2, H351
Ethane-1,2-diol	Cas No: 107-21-1 EC No:203-473-3	<1	Acute Tox. 4, H302 STOT RE 2, H373
Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one[EC no. 247-500-7] and 2-Methyl-2H -isothiazol-3-one [EC no. 220-239-6](3:1)	Cas No: 55965-84-9	<0,001	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) Skin Sens. 1A, H317 EUH071 Specific Concentration Limits Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 %

H and EUH phrases full text of: see section 16

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter≤10µm.

Note V: If the substance Is to be placed on the market as fibres(with diameter 5µmandaspectratio≥3:1)or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled inquantities leading to significant impairment of particle clearance mechanisms in the lung.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: If you feel unwell, seek medical advice (show the label or this SDS where possible).

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.

Skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

None reasonably foreseeable.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: The product is non-flammable. Use suitable extinguishing agent for surrounding material and type of fire.

Extinguishing media which must not be used for safety reasons: No information available.

5.2 Special hazards arising from the product

Special hazards: Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Advice for firefighters: No special measures required. Use methods suitable to surrounding conditions. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment as specified in Section 8. Ensure good ventilation. Avoid contact with skin and eyes. In case of contact with skin and / or eyes wash with plenty of water. Avoid breathing the vapours/dusts. Remove your contaminated clothing and wash it before using it again. Carry out emergency procedures.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Ventilate the environment. Avoid breathing the vapours/dusts. Wear protective clothing as shown in Section 8 of this Safety Data Sheet. Stop leakage if the environment is safe. Absorb spillage with sand, soil, vermiculite or suitable commercial sorbents. Flush the spill area with water. Dispose of collected material or wastes according to local regulations. Dispose of the wastes according to Article 13.

6.4 Reference to other sections

Wear protective clothing as shown in Section 8 of this Safety Data Sheet. See section 7 for safe handling. See section 13 for disposal of wastes.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Work with industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin and eyes during use of chemicals. Remove contaminated clothing and wash before using again. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. All packages should be handled with care and when not in use; should be kept tightly closed. Follow the instructions for use specified by the supplier. Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing. Follow the instructions for use specified by the supplier. Keep out of reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Storage measures: Keep container tightly closed in a dry and well-ventilated place. Protect it from direct sunlight. Keep the product in its original packaging. Opened packages should be protected by tightly sealing the mouths. Protect containers from physical damage. Follow the supplier's storage instructions on the label. Keep out of reach of children.

7.3 Specific end use(s)

Specific end use(s): No additional information available.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace	
(Cas No: 1317-65-3)-Limestone	- United Kingdom-Occupational Exposure Limits WEL TWA (OEL TWA): 10 mg/m3 total inhalable 4 mg/m3 respirable Regulatory reference:EH40/2005 (Fourth edition, 2020). HSE
(Cas No: 13463-67-7)- Titanium dioxide	- United Kingdom-Occupational Exposure Limits TWA: 10 mg/m³ 8 hr. TWA: 4 mg/m³ 8 hr. Regulatory reference: EH40/2005 (Fourt edition, 2020) - Ireland-Occupational Exposure Limits STEL: 30 mg/m³ 15 min. STEL: 12 mg/m³ 15 min. TWA: 10 mg/m³ 8 hr. total inhalable dust TWA: 4 mg/m³ 8 hr. respirable dust Regulatory reference: 2018 Code of Practice for the Chemical Agents Regulations, Schedule 1. Published by the Health and Safety Authority
(Cas No:107-21-1)- Ethane-1,2-diol particulate vapour	- United Kingdom-Occupational Exposure Limits TWA:10 mg/m³ 8 hr. TWA: 20 ppm 8 hr. TWA:52 mg/m³ 8 hr. STEL:40 ppm 15 min. STEL:104 mg/m³ 15 min Regulatory reference: EH40/2005 (Fourt edition, 2020)

DNELs	
(Cas No: 13463-67-7)- Titanium dioxide	Oral DNEL: 700 mg/kg/Tag (General population, consumers) Inhalative DNEL: 10 mg/m3 (Workers)
(Cas No:107-21-1)- Ethane-1,2-diol	Dermal DNEL: 53 mg/kg/Tag (General population, consumers) 106 mg/kg/Tag (Workers) Inhalative DNEL: 7 mg/m³ (General population, consumers) 35 mg/m³ (Workers)

PNECs	
(Cas No: 13463-67-7)- Titanium dioxide	freshwater: 0.127 mg/l (env) sea water: 1 mg/l (env) freshwater sediments: 1,000 mg/kg (env) sea water sediments: 100 mg/kg (env) soil: 100 mg/kg (env)
(Cas No:107-21-1)- Ethane-1,2-diol	Freshwater: 10 mg/l (env) sea water: 1 mg/l (env) freshwater sediments: 20.9 mg/kg (env)

8.2. Exposure controls

8.2.1 Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2 Personal protective equipment

Eye/face protection: Use safety goggles that have been tested and approved in accordance with standards such as NIOSH (US) or EN 166 (EU).

Protection of hands: Use chemical-resistant protective gloves complying with EN 374.

Other skin protection: Wear suitable protective clothing to prevent skin exposure.

General protective and hygiene measures: The usual precautionary measures are to be adhered to when handling chemicals. Do not breath vapours. Avoid contact with skin, eyes and contaminated clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, beforere-use. Wash hands before breaks and after work. Ensure that eyewash stations and emergency showers are close to where the work area is located.

Respiratory protection: No protective equipment is needed under normal use conditions. In cases where the ventilation is insufficient and the exceeding limit values; Respiratory protection tested and approved according to relevant official standards such as NIOSH (USA) or CEN (EU) should be worn.

8.2.3 Control of environmental exposure

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance *Physical state* *Colour*	 Paste Colored
Odour	Odourless
Solubility	No data available.
Initial boiling point and boiling range	No data available.
Melting point	No data available.

Ph value	7-9
Flash point	No data available.
Auto-ignition temperature	No data available.
Upper/lower flammability or explosive limits	No data available.
Flammability	No data available.
Bulk density	No data available.
Relative density	1,60-1,70 gr/cm^3
Vapour pressure	No data available
Specific gravity	No data available.
Viscosity	No data available.
Partition coefficient (n-octanol/water)	No data available.
Oxidising properties:	No data available.
Explosive Properties:	No data available.
Particle characteristics	No data available.

9.2 Other informations

No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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

ATE_{MIX} oral LD 50: >2000 mg/kg (calculation method)

ATE_{MIX} dermal LD 50: >2000 mg/kg (calculation method)

ATE_{MIX} inhalation LC 50: >20 mg/l (calculation method)

Cas No: 13463-67-7- Titanium dioxide

LD50 oral:>10000 mg/kg (rat)

LD50 dermal:>10000 mg/kg (rabbit)

LC50 inhalation:>5.09 mg/l; 4h (rat)

(Cas No: 107-21-1)- Ethane-1,2-diol

LD50 oral:500,1 mg/kg

LD50 dermal: >3500 mg/kg (mouse) (ECHA)

LC50 inhalation:<2,5 mg/l- aerosol (ECHA)

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H -isothiazol-3-one (3:1)

LD50 Oral - Rat - male and female - 66 mg/kg (OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - 0,171 mg/l – aerosol(OECD Test Guideline 403)

LD50 Dermal - Rabbit - male - 87,12 mg/kg Remarks: (ECHA)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory/Skin Sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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.

11.2. Information on other hazards

Endocrine disrupting properties: No data available.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Not classified as harmful to aquatic life.

12.1. Toxicity

CAS: 1317-65-3 Limestone
LC50 (96h): >100 mg/l (Rainbow trout - oncorhynchus mykis) (OECD 203)
LC50 (48h): >100 mg/l (Water flea - daphnia magma) (OECD 202)
EC50 : >14 mg/l (Algae - desmodesmus subspicatus) (OECD 201)
: >1000 mg/l (Activated sewage sludge) (OECD 209)

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H -isothiazol-3-one (3:1)

EC_{50} / 72 h 0,048 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 1322

EC_{50} / 48 h 0,1 mg/l (Daphnia magna) (OECD 202) S 52

0,0052 mg/l (Skeletonema costatum) (DIN EN ISO 10253) CAR

LC_{50} / 96 h 0,22 mg/l (Onchorhyncus mykiss) (OECD 203) S 6

NOEC / 48 h 0,00064 mg/l (Skeletonema costatum) (DIN EN ISO 10253)

NOEC / 21 d 0,004 mg/l (Daphnia magna) (OECD 211) S 52

NOEC / 28 d 0,098 mg/l (Onchorhyncus mykiss) (OECD 210) S 117

NOEC / 72 h 0,0012 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 1322

Toxicity to organisms in activated sludge:

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H -isothiazol-3-one (3:1)

EC_{50} / 3 h 7,92 mg/l (activated sludge) (OECD 209)

EC_{20} / 3 h 0,97 mg/l (activated sludge) (OECD 209)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Result of PBT and vPvB assessment

This mixture does not contain any PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XVIII.

12.6. Endocrine disrupting properties

None of the ingredients/components is listed at ECHA's endocrine disrupter (ED) assessment list.

12.7. Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General Information: Dispose of in accordance with local regulations for waste.

Disposal of the substance / mixture: The product or waste must be disposed of in a safe manner and in accordance with local regulations for waste. The spilled product must be disposed of in accordance with applicable national and local environmental laws and regulations. Do not allow mixture and / or wastes to enter the environment, plant cover, soil, clean water sources, and sewage.

Uncleaned Container Disposal Methods: Containers of uncleaned material must be disposed of in the same manner as the product is disposed of in accordance with the regulations.

14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN Number:

Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es):

Not applicable

14.4. Packing Group:

Not applicable

14.5. Environmental hazards:

Not applicable.

14.6. Special precautions for user:

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable.

15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
- CLP (classification, labelling and packaging) Regulation (EC) 1272/2008
- Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

- **Regulation (EC) No 1907/2006 Annex XVII:** Contains no REACH substances with Annex XVII restrictions.
- **REACH Annex XIV (Authorisation List):** Contains no REACH Annex XIV substances.
- **REACH Candidate List (SVHC):** Contains no substance on the REACH candidate list.

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

16. OTHER INFORMATION

- ***Hazard Statements (CLP)***

H301: Toxic if swallowed.

H302: Harmful if swallowed

H310: Fatal in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H332: Harmful if inhaled.

H351: Suspected of causing cancer.

H373: May cause damage to organs through prolonged or repeated exposure exposure cause the hazard.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects

EUH071: Corrosive to the respiratory tract.

- ***Abbreviations***

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

CAS No: Chemical Abstract Service

CLP: Classification Laballing and Packaging

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

GHS: Global Harmonised System

EC No: European INventory of Existing Commercial

IATA /ICAO: International Air Transport Association/ International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

NIOSH: National Institute for Occupational Safety and Health

OEL: Occupational Exposure Limit

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

TLV-STEL: Threshold Limit Value-Short Term Exposure Limit

TWA: Threshold Limit Value Time Weighed

PBT: Persistent Bioaccumulating and Toxic

STOT: Target Organ Systemic Toxicity

SDS: Safety Data Sheet

SVCH: Substance of Very High Concern

vPvB: Very Persistent and very Bioaccumulating

- ***Issued Note:***

  This SDS is prepared based on the information and documents received from product owner. BESChem Mühendislik&Danışmanlık-Sibel Gümüşdere shall not be responsible for incorrect preapared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

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- ***Revisition Explanations***

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