

# SAFETY DATA SHEET

According to Regulation EC No.1907/2006 (REACH) with its amendment  
Regulation (EU) 2020/878



SDS Form No: GM.134

Date of Issue: 10.07.2025

Date of Revision:-  
Version:00-01

## ExperFPlaster BX 50

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

#### 1.1 Product identifier:

<b>Product Name</b>	ExperFPlaster BX 50
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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

**Identified uses:** It is used as a cement-based, polymer and fiber-added, high-performance, flexible, gypsum-based board plaster.

SU 22-(Professional uses)

SU 3 - (Industrial uses)

SU 21-(Consumer uses)

**Uses Advised Against:** None known. Please contact the supplier for information.

#### 1.3 Details of the supplier of the safety data sheet:

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

#### 1.4 Emergency telephone number:

<b>Emergency Phone:</b>	+90 (232) 422 03 93
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### 2. HAZARD IDENTIFICATION

#### 2.1. Classification of the substance or mixture

<b>Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)</b>	
<b>Health hazards</b>	Skin irritation, Category 2, H315
	Skin Sensitization, Category 1B, H317
	Eye Damage, Category 1, H318
	STOT Single Exposure. Category 3, H335

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### 2.2. Label elements

#### Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

##### Hazard Pictograms:



##### Signal word

Danger

##### Hazard statements

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.

##### Precautionary statements

###### Prevention

P102: Keep out of reach of children.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash with water thoroughly after handling  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

###### Response

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
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 or doctor/physician.  
P321: Specific treatment (see supplemental first aid instruction on this label).  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.

###### Storage

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

###### Disposal

P501: Dispose of contents and container to in accordance with local and national regulation.

**Hazard content(s):** Portland cement clinker

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### 2.3 Other hazards:

Based on available data, the mixture is not considered to contain a substance considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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.

#### Portland cement clinker

The product contains chromate reducing agent. If the storage conditions are not appropriate or the storage period is exceeded, the effectiveness of the reducing agent can diminish, and the cement can become skin sensitising. Cement dust may cause an allergic reaction in some individuals due to the water soluble Cr(VI) content.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1 Substances

Not application.

### 3.2 Mixture

Description: Mixture of substances listed below with non hazardous additions.

Dangerous Components			
Chemical Name	Product Identifier	Content (%)	Classification (CLP) (No1272/2008)
Limestone (substance with workplace exposure limit)	Cas No: 1317-65-3 EC No: 215-279-6	≤80	–
Portland cement clinker (substance with workplace exposure limit)	Cas No:65997-15-1 EC No: 266-043-4	≤20	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318 STOT SE 3, H335
Gypsum (substance with workplace exposure limit)	CAS No: 13397-24-5 EC No:603-783-2	≤1	–

H. phrases full text of: see section 16

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General Information:** No special measures required. Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If discomfort, coughing or persistent irritation, seek medical attention.

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**Skin contact:** Immediately wash with water and soap and rinse thoroughly. Immediately remove all soiled and contaminated clothing. Wash contaminated clothes before re-use. Clean contaminated shoes before re-use. If skin irritation continues, consult a medical professional.

**Eye contact:** Do not rub eyes because this can cause additional damage. Rinse cautiously with water for several minutes or if possible, with isotonic eyewash solution (e.g. 0.9% NaCl). Remove contact lenses, if present and easy to do. Continue rinsing. Always consult a medical professional.

**Ingestion:** Do not induce vomiting. If physically able, rinse mouth with water and drink plenty of water. Consult a medical professional or poison control center.

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

**Symptoms/ effects:** Product dust may cause mechanical irritation to the skin and mucous membranes.

**Symptoms/effects after inhalation:** May cause respiratory irritation. Cough, breathlessness. Repeat or prolonged inhalation may cause increase the risk of developing lung diseases.

**Symptoms/effects after skin contact:** May cause an allergic skin reaction. May cause moderate irritation. Repeat or prolonged skin contact may cause irritation progressing to a burn.

**Symptoms/effects after eye contact:** Causes serious eye damage. Redness, burning, eye irritation may occur. May cause keratitis.

**Symptoms/effects after ingestion:** Large amount: Burns or irritation of the linings of the mouth, throat and gastrointestinal tract. Nausea, vomiting.

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

**Notes for the doctor:** When seeking medical attention, it is recommended to have this SDS with you.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable Extinguishing Media:** The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media:** No data available.

### 5.2 Special hazards arising from the product

**Special hazards:** As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters

**Special protective equipment for firefighters:** Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA).

**Advice for firefighters:** Use a fire extinguishing method suitable to surrounding conditions. Prevent firefighting residues from entering the sewage system and underground waters. If there is a risk of water contamination, notify the relevant authorities.

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### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

**6.1.1 For non-emergency personnel:** Ensure adequate ventilation. Avoid formation of dust. Do not breathe in dusts. Avoid contact with the product on the skin and eyes. Use protective equipment as shown in Section 8 of this Safety Data Sheet. In case of contact with skin and/or eyes, rinse with plenty of water. Remove contaminated clothing and wash it before reuse.

**6.1.2 For emergency responders:** Use protective equipment as shown in Section 8 of this Safety Data Sheet and follow the specified precautions. Restrict the entry of unprotected individuals

#### 6.2 Environmental precautions

Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

#### 6.3 Methods and material for containment and cleaning up

Collect spilled dry material and use if possible. Avoid formation of dust. Remove the debris with an industrial vacuum cleaner or similar equipment that does not disperse air. Never use compressed air for cleaning. It is necessary to use personal protective equipment during dry cleaning in case of dust exposure and inhalation. Avoid inhalation of emerging dust and contact with skin. Dispose of collected material or wastes according to local regulations. Dispose of the wastes according to Article 13. Wet material: Collect it in a suitable container and allow it to solidify. After it has dried, dispose of it in accordance with regulations (see section 13.1).

#### 6.4 Reference to other sections

Use personal protective equipment 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

**Protective for safe handling:** Do not handle without reading and understanding all safety precautions. Ensure adequate ventilation of the work station. Work with industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin and eyes during use of chemicals. Wear personal protective equipment. Avoid formation of dust. Do not breath dusts. Avoid contact with skin and eyes. There should be eye and body showers in the process area and where it is used. 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. Keep out of reach of children. Measures to prevent aerosol and dust generation: Do not sweep. Use dry cleanup methods such as vacuum clean-up or vacuum extraction, which do not cause airborne dispersion.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage measures:** Store in a dry, well-ventilated and cool place. Keep container tightly closed. Protect from moisture and water. Keep away from heat sources, radiation, static electricity, food, drink, and animal feedingstuffs. Protect containers from physical damage. Store locked up. Store under lock and key. Follow the supplier's storage instructions on the label. Keep out of reach of children.

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### Control of soluble Cr (VI)

For cements treated with a Cr (VI) reducing agent according to the regulations given in Section 15, the effectiveness of the reducing agent diminishes with time. Therefore, cement or mixtures containing cement packages will contain information on the packaging date, the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble Cr (VI) below 0.0002 % of the total dry weight of the cement ready for use.

### 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	Reference
(Cas No:65997-15-1)- Cement, portland, chemicals	TWA: 10 mg/m <sup>3</sup> inhalable dust 5 mg/m <sup>3</sup> respirable dust EH40/2005
(Cas No: 1317-65-3)-Limestone	TWA: 10 mg/m <sup>3</sup> inhalable dust 4 mg/m <sup>3</sup> respirable EH40/2005
(CAS No: 13397-24-5)-Gypsum	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter (Calcium sulfate) TWA: 15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable fraction ACGIH OSHA

### 8.2. Exposure controls

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

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

#### 8.2.2 Personal protective equipment

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection etc.) consult the information leaflet provided by the manufacturer.

**Eye/face protection:** Panoramic glasses against splash/projections.

CEN Standarts: EN 166:2002

EN ISO 4007:2018

Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.



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**Protection of hands:** Protective gloves- For prolonged periods of exposure to the product for professional/industrial users, we recommend using suitable category gloves in line with standards EN 420:2004+ A1:2010 and EN ISO 374-1:2016+A1:2018. Replace gloves in case of any sign of damage. Glove material selection should be made considering contact time, diffusion and deterioration rates. If the product consists of a mixture of several materials, the glove material durability can not be calculated in advance and in this case the glove material must be checked prior to application. You can consult the manufacturer and Occupational Safety Specialist of the glove material selection.

**Other skin protection:** Work clothing and anti-slip work shoes.

**Work clothing-** Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users suitable category is recommended, in accordance with the regulations in EN ISO 6529:2013; EN ISO 6530:2005; EN ISO 13688:2013; EN 464:1994.

**Anti-slip work shoes:** Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users suitable category is recommended, in accordance with the regulations in EN ISO 20345:2012; EN 13832-1:2007.

**General protective and hygiene measures:** Ensure that eyewash stations and emergency showers are close to where the work area is located. The usual precautionary measures are to be adhered to when handling chemicals. Do not breath dusts. Avoid contact with skin, eyes and contaminated clothing. If skin is contaminated, wash with soap and plenty of water. Wash your hands before and at the end of the break. Do not take contaminated clothing out of the workplace. Remove contaminated clothing and wash before using again. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs.

**Respiratory protection:** Filter mask for gases, vapours and particles.

CEN Standarts: EN 149:2001+A1:2009

EN 405:2002+A1:2010

EN ISO 136:1998

Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self - contained breathing apparatus must be used.

### 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

<b>Appearance</b> <i>Physical state</i> <i>Colour</i>	Solid/Powder Grey
<b>Odour</b>	Odourless
<b>Solubility</b>	No data available.

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<b>Initial boiling point and boiling range</b>	No data available.
<b>Melting point</b>	No data available.
<b>Ph value</b>	≥ 12
<b>Flash point</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Upper/lower flammability or explosive limits</b>	No data available.
<b>Flammability</b>	No data available.
<b>Bulk density</b>	No data available.
<b>Relative density</b>	1,40 gr/cm <sup>3</sup>
<b>Vapour pressure</b>	No data available
<b>Specific gravity</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Partition coefficient (n-octanol/water)</b>	No data available.
<b>Oxidising properties:</b>	No data available.
<b>Explosive Properties:</b>	No data available.
<b>Particle characteristics</b>	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 temperature conditions and recommended use. Stable under the prescribed storage conditions.

### 10.3.Possibility of hazardous reactions

No dangerous reactions known (see 10.5).

### 10.4.Conditions to avoid

Protect from moisture.

### 10.5.Incompatible materials

Reacts exothermically with acids. The wet product is alkaline and reacts with acids, ammonium salts and base metals e.g. aluminum, zinc or brass. The reaction with base metals produces hydrogen.



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### 10.6. Hazardous decomposition products

No data available.

## 11. TOXICOLOGICAL INFORMATION

The experimental information related to the toxicological properties of the product itself is not available.

### 11.1. Information on toxicological effects

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

Cas No: 1317-65-3 Limestone - LD50 oral:>5000 mg/kg (rat)

Cas No: 65997-15-1 Portland cement clinker- LD50 oral:>2000 mg/kg (mouse)

**Skin corrosion/irritation:** Skin Irritation, Category 2; H315 was classified in-Causes skin irritation.

Cement in contact with wet skin may cause thickening, cracking or fissuring of the skin. Prolonged contact in combination with abrasion may cause severe burns.

**Serious eye damage/irritation:** Eye Damage, Category 1; H318 was classified in- Causes serious eye damage.

Direct contact by larger amounts of dry cement or splashes of wet cement may cause effects ranging from moderate eye irritation (e.g. conjunctivitis or blepharitis) to chemical burns and blindness.

**Respiratory/Skin Sensitization:** Skin Sensitization, Category 1B, H317 was classified in- May cause an allergic skin reaction.

Some individuals may develop eczema upon exposure to wet cement dust, caused either by the high pH which induces irritant contact dermatitis after prolonged contact, or by an immunological reaction to soluble Cr (VI) which elicits allergic contact dermatitis. The response may appear in a variety of forms ranging from a mild rash to severe dermatitis and is a combination of the two above mentioned mechanisms.

**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):** STOT Single Exposure. Category 3, H335 was classified in- May cause respiratory irritation.

Cement dust may irritate the throat and respiratory tract. Coughing, sneezing, and shortness of breath may occur following exposures in excess of occupational exposure limits. Inhaling the product's dust can worsen the conditions of pre-existing medical conditions such as respiratory system diseases (emphysema/asthma, etc.) or pre-existing skin and/or eye conditions.

**STOT (repeated exposure):** No data available.

Chronic Obstructive Pulmonary Disease (COPD) is a potential effect. It occurs due to acute and high-level exposure. No chronic effects have been observed at low concentrations.

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**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

The experimental information related to the eco-toxicological properties of the product itself is not available.

**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 mykiss) (OECD 203)

LC50 (48h): >100 mg/l (Water flea - daphnia magna) (OECD 202)

EC50 : >14 mg/l (Algae - desmodesmus subspicatus) (OECD 201)

: >1000 mg/l (Activated sewage 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

Based on available data, the mixture is not considered to contain a substance considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 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

May cause pH changes in aqueous ecological systems.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste product or used containers in accordance with local regulations. Do not allow product to reach sewage system.

Considering the maximum storage time, store any remaining dry product in tightly sealed containers and reuse it if possible. If the product has exceeded its expiration date, mix it with water (avoid contact with skin), allow it to harden, and then dispose of it according to local or national guidelines.

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### 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:** Article 47; Chromium VI compounds
- **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.

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### 16. OTHER INFORMATION

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

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335 May cause respiratory irritation.

-

#### **Classification and Procedure Used to Derive the Classification for Mixtures According to Regulation (EC) 1272/2008 [CLP]**

Skin irritation, Category 2, H315	calculation method
Skin Sensitization, Category 1B, H317	calculation method
Eye Damage, Category 1, H318	calculation method
STOT Single Exposure. Category 3, H335	calculation method

#### - **Abbreviations**

ACGIH: American Conference of Governmental Industrial Hygienists

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.

ATE: Acute Toxicity Estimate

BCF: Bioconcentration Factor

CAS No: Chemical Abstract Service

CLP: Classification Labelling and Packaging

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

DMEL: Derived Minimal Effect Level

DNEL: Derived No-Effect Level

GHS: Global Harmonised System

EC No: European Inventory of Existing Commercial

ECHA: European Chemicals Agency

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EH40/2005: United Kingdom - Occupational Exposure Limits

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

IMDG: International Maritime Code for Dangerous Goods

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

PBT: Persistent Bioaccumulating and Toxic

PNEC: Predicted No-Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction Of Chemicals

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

STOT: Target Organ Systemic Toxicity

SDS: Safety Data Sheet

SVCH: Substance of Very High Concern

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

TWA: Threshold Limit Value Time Weighted

vPvB: Very Persistent and very Bioaccumulating

### - **Issued Note:**

This SDS is prepared based on the information and documents received from product owner. GUMUŞDERE OTOMOTİV LTD. ŞTİ. shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

**Disclaimer-** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

### - **Revision Explanations**

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**Organized by:** Sibel Gümüşdere (License No: TÜV 11.117.06)