

SAFETY DATA SHEET

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According to Regulation (EC) No 1907/2006 (REACH), Annex II,
as amended by Regulation (EU) No 2020/878

PERMOLİT PERMOMAX TAVAN BOYASI / PERMOMAX CEILING PAINT

Preparation Date : 24.08.2026
Form No : GBF 03.014

Revision Date : -
Revision No : -

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product identifier

Product name : Permolit Permomax Ceiling Paint
Product type : Mixture

1.2. Relevant identified uses of the mixture and uses advised against

Product use : Water-based, acrylic emulsion based, death matt, mould/mildew resistant, topcoat ceiling paint.
Identified use(s) : Consumer application.
Uses advised against : None.

1.3. Details of the supplier of the safety data sheet

Name : Akçalı Boya ve Kimya San. Tic. A.Ş.
Address : Osmangazi M. Mareşal Fevzi Çakmak C. No:5 Esenyurt-İstanbul/Türkiye
Tel : +90 212 371 60 00
Contact e-mail : seval.karahasan@akcaliboya.com.tr

1.4. Emergency telephone number

Emergency telephone : +90 212 371 60 00 (08:00 – 17:00 / Monday - Friday)
number
National Toxic : 114 (UZEM)
Consultation Center
(Turkey)

2. Hazards Identification

2.1. Classification of the substance/mixture

Classification according to Turkish Regulation R.G. 11.12.2013-No 28848 (repeating) and Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures:

The product hasn't been classified.

2.2. Label elements

Signal Word : None
Pictograms : None
Hazard Statements : None

Precautionary Statements

P102 : Keep out of reach of children.
P262 : Do not get in eyes, on skin, or on clothing.
P270 : Do not eat, drink or smoke when using this product.
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 : Dispose of contents/container in accordance with local regulation.

Supplemental Label Elements

EUH208 : Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Cas No: 55965-84-9) and 1,2-benzisothiazol-3(2H)-one (Cas. No: 2634-33-5). May produce an allergic reaction.

2.3. Other hazards

It has not been classified to according to PBT and vPvB.

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3. Composition/Information on the Ingredients

3.2. Mixture

Ingredient name	Identifiers	%	Classification
3-iodo-2-propynyl butylcarbamate	Cas No: 55406-53-6 EC No: 259-627-5	< 0,05	Acute Tox.4-H302 Acute Tox.3-H331 Eye Dam.1-H318 Skin Sens.1-H317 STOT RE 1-H372 (larynx) Aquatic Acute 1-H400 (M=10) Aquatic Chronic 1-H410 (M=1)
1,2-benzisothiazol-3(2H)-one	Cas No: 2634-33-5 EC No: 220-120-9	< 0,036	Acute Tox.4-H302 Acute Tox.2-H330 Skin Irrit.2-H315 Eye Dam.1-H318 Skin Sens.1A-H317 Aquatic Acute 1-H400 (M=1) Aquatic Chronic 1-H410 (M=1) Specific concentration limits: Skin Sens. 1A; H317: C ≥ 0,036 % Inhalation: ATE = 0.21 mg/L (dusts/mists) Oral: ATE = 450 mg/kg bw
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Cas No: 55965-84-9	< 0,0015	Acute Tox.3-H301 Acute Tox.2-H310 Acute Tox.2-H330 Skin Corr.1C-H314 Eye Dam.1-H318 Skin Sens.1A-H317 Aquatic Acute 1-H400 (M=100) Aquatic Chronic 1-H410 (M=100) EUH071 Specific concentration limits: Eye Dam.1; H318: C ≥ 0,6% Eye Irrit.2; H319: 0,06 % ≤ C < 0,6% Skin Corr. 1C; H314: C ≥ 0,6% Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6% Skin Sens. 1A; H317: C ≥ 0,0015 %

* For the explanation of the listed hazard statements refer to Section 16.

4. First Aid Measures

4.1. Description of first aid measures

Inhalation : Remove to fresh air. In case of persistent complaints obtain medical attention
Ingestion : Do not induce vomiting. Immediately obtain medical attention.
Skin contact : Remove contaminated clothing. Clean the skin with water, soap and special cleaning cream.
Eye contact : Flush eye with copious quantities of water. If irritation occurs, obtain medical attention.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

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

Other information is not available.

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

Other information is not available.

5. Firefighting Measures

The product isn't flammable.

5.1. Extinguishing media

Suitable extinguishing media : Water, dry chemical powder, foam, CO₂, inert absorbent sand.
Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

In case of fire, toxic gases may be released, do not breathe the fumes.

5.3. Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Wear suitable protective clothes, boots, gloves, eye and face protective, self-contained breathing apparatus.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : If leak and spilt occurs, evacuate surrounding areas, ventilate the environment sufficiently. Put on personal protective equipment as specified in Section 8. No action shall be taken involving any personal risk or without suitable training.
For emergency responders : If special clothing is required during the intervention, consider the information in Section 8. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Keep away from drains, surface and ground water and soil.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust or inert absorbent material to limit product leakage. Transfer the leaky material to suitable containers for safe disposal. Soak up with an appropriate absorbent material and put it in a closed container for safe disposal in accordance with current legislation (Section 13).

6.4. Reference to other sections

Responding to accident place, wear personal protective equipment in Section 8 and dispose of waste in accordance with procedure in Section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (Section 8). Avoid contact with eyes, skin or clothing. Do not ingest. Use in well-ventilated areas. Do not breathe spray/mist. Avoid release to the environment. Keep in original container. When not in use, keep containers tightly closed. Empty containers may contain product residue, do not reuse.

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Advice on general occupational hygiene : Do not eat, drink or smoke when using this product. Wash hands before eating, drinking or smoking. Take off contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed package at ambient temperature protecting from direct sun lights and hot. Product isn't flammable and explosive.

7.3. Specific end use(s)

Use by looking product label.

8. Exposure Controls/Personal Protection

8.1. Control parameters

Occupational exposure limit values:

Ingredient name	TWA-8 hours		STEL-15 minutes		Notation
Ethylene glycol	52 mg/m ³	20 ppm	104 mg/m ³	40 ppm	Skin

8.2. Exposure controls

Appropriate engineering controls : Ventilate the environment sufficiently.

Individual protection measures, Personal protective equipment

Eye/face protection : Use eyewear with CE marking to protect against liquid splashes, dusts, gases.
Skin protection;
Hand protection : Wear suitable chemical resistant waterproof rubber or nitrile gloves with CE marking.
Body protection : Personal protective equipment should be selected according to the task being performed and the risks involved. Take off working-clothes after use.
Respiratory protection : Dry sanding of the dry paint film may cause hazardous dust to form. Wet sanding should be done whenever possible.
Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Provide ventilation in working area. In case of inadequate ventilation, wear respiratory protection.

Environmental exposure controls : Avoid release to the environment. Keep away from drains, surface and ground water and soil. Check that emissions from ventilation or work process equipment comply with the requirements of environmental protection legislation.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid - emulsion
Colour : White
Odour : Special characteristic odour
Odour threshold : Not available.
Melting point/freezing point : Not determined.
Initial boiling point and boiling range : Not determined.
Water : 100°C
Flammability (solid, gas) : Not applicable.

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Lower and upper explosion limit : Not applicable.
Flash point : Not available.
Auto-ignition temperature : Product is not self-igniting.
Decomposition temperature : Not determined.
pH : 8,5 ± 1
Kinematic viscosity : Not determined.
Solubility : Soluble in water.
Partition coefficient n-octanol/water : Not determined.
Vapour pressure : Not determined.
Density and/or relative density : 1,66 ± 0,05 g/cm³ (25°C)
Relative vapour density : Not determined.
Particle characteristics : Not applicable.

9.2. Other information

Other information is not available.

10. Stability and Reactivity

10.1. Reactivity : Under normal conditions, product does not react.
10.2. Chemical stability : Stable under normal conditions of storage and use.
10.3. Possibility of hazardous reactions : Not
10.4. Conditions to avoid : Not special conditions.
10.5. Incompatible materials : Not special materials.
10.6. Hazardous decomposition products : No hazardous decomposition products known.

11. Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Turkish regulation SEA (R.G. 11.12.2013-No 28848 (repeating)) and CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Acute toxicity

Acute toxicity-oral : Mixture: Based on available data, the classification criteria are not met.
Calculated acute toxicity estimate (ATE) > 2000 mg/kg.
Acute toxicity-dermal : Mixture: Based on available data, the classification criteria are not met.
Calculated acute toxicity estimate (ATE) > 2000 mg/kg.
Acute toxicity-inhalation : Mixture: Based on available data, the classification criteria are not met.
Calculated acute toxicity estimate (ATE) > 5 mg/L (dust/mist).

Acute toxicity of ingredients:

Ingredient name	
3-iodo-2-propynylbutylcarbamate	LD 50 oral: 1056-1795 mg/kg bw (rat) LD 50 dermal: 2000 mg/kg bw (rabbit) LC 50 inhalation: 630-6890 mg/m ³ (rat) - 4 hours
1,2-benzizotiyazol-3(2H)-on	LD 50 oral: 1020 mg/kg (rat)
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD 50 oral: 69 mg/kg (rat)

Skin corrosion / Irritation : Mixture: Based on available data, the classification criteria are not met.
Serious eye damage / Irritation : Mixture: Based on available data, the classification criteria are not met.

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Respiratory or skin sensitisation : Mixture: EUH208: Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Cas No: 55965-84-9) and 1,2-benzisothiazol-3(2H)-one (Cas. No: 2634-33-5). May produce an allergic reaction.

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

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

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

Specific target organ toxicity–single exposure : Mixture: Based on available data, the classification criteria are not met.

Specific target organ toxicity–repeated exposure : Mixture: Based on available data, the classification criteria are not met.

Aspiration hazard : Mixture: Based on available data, the classification criteria are not met.

Information on likely routes of exposure: Not available.

Potential acute health effects

Ingestion : May be harmful if ingestion.

Inhalation : No known significant effects or critical hazards.

Skin contact : The product contains sensitising substance. May cause allergic skin reactions.

Eye contact : If splashed in the eyes, the liquid may cause irritation and reversible damage.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion : No specific data.

Inhalation : No specific data.

Skin contact : May cause irritation.

Eye contact : No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Not available.

11.2. Information on other hazards

Endocrine disrupting properties : Not available.

Other information : No additional information.

12. Ecological Information

12.1. Toxicity : No ecological data for the mixture as a whole.

Keep away from drains, surface and ground water and soil.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See Section 3 for details.

Ecological toxicity of the ingredients

Ingredient name	
1,2-benzisothiazol-3(2H)-one	EC50/48 h: 3,27 mg/L (Daphnia magna) EC50/72 h: 0,11 mg/L (Selenastrum capricornutum) LC50/96 h: 2,2 mg/L (Oncorhynchus mykiss)

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Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	EC50/48 h: 0,1 mg/L (Daphnia magna) EC50/72 h: 0,048 mg/L (Pseudokirchneriella subcapitata) EC50/96 h: 0,22 mg/L (Oncorhynchus mykiss)
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- 12.2. Persistence and degradability** : No available data.
12.3. Bioaccumulative potential : No available data.
12.4. Mobility in soil : No available data.
12.5. Results of PBT and vPvB assessment : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
12.6. Other adverse effects : No available data.

13. Disposal Considerations

Disposal of waste/surplus and contaminated packaging should be carried out in accordance with applicable regional, national and local laws and regulations. According to European Waste Catalogue, waste codes:

Waste paint and varnish	: 080111
Contaminated package	: 150110
Contaminated waste	: 150202

13.1. Waste treatment methods

Do not allow product to reach sewage system.
Wastes should be sent to licensed recycling facility.

14.	Transport Information			
		ADR	IMDG	IATA/ICAO
14.1.	UN number	Not applicable	Not applicable	Not applicable
14.2.	UN proper shipping name	-	-	-
14.3.	Transport hazard class(es)	-	-	-
14.4.	Packing group	-	-	-
14.5.	Environmental hazards	No	No	No
	Additional information	-	-	-

- 14.6. Special precautions for user:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.7. Maritime transport in bulk according to IMO instruments: Not applicable.

15. Regulatory Information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU Regulation (EC) No 1907/2006 (REACH)
Annex XIV - List of substances subject to authorisation
Annex XIV: None of the components are listed
Substances of very high concern: None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.
Kimyasalların Kaydı, Değerlendirilmesi, İzni ve Kısıtlanması Hakkında Yönetmelik (R.G. 23.06.2017-30105 (Mükerrer)) (KKDIK)
Ek XIV – İzne tabi maddelerin listesi

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Ek XIV: None of the components are listed.

Yüksek önem taşıyan maddeler: None of the components are listed.

Ek XVII – Belirli zararlı maddelerin, karışımların ve eşyaların imalatı, piyasaya arzı ve kullanımı hakkında kısıtlamalar: Not applicable.

Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik (R.G. 12.08.2013-28733)

Kanserojen ve Mutajen Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik (R.G. 08.08.2013-28730)

6331 sayılı, İş Sağlığı ve Güvenliği Kanunu (R.G. 20.06.2012-6331)

Atık Yönetimi Yönetmeliği (R.G. 02.04.2015-29314)

Seveso Directive: This product is not controlled under the Seveso Directive.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not listed.

VOC: Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

IIA/a. Interior matt walls and ceilings (Gloss <25@60°)

EU limit value for this product (cat.A/a): 30 g/l (2010). This product contains max 26 g/l VOC.
ready to use

15.2. Chemical safety assessment: No Chemical Safety Assessment has been carried out.

16. Other Information

Abbreviations and acronyms

ADR	: European agreement concerning the international carriage of dangerous goods by road
ATE	: Acute Toxicity Estimate
CAS	: Chemical Abstract Service
CE	: Conformité Européenne
CLP	: Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of substances and mixtures
EC	: European Commission
EC50	: Effective Concentration 50%
EU	: European Union
EUH statement	: CLP-specific hazard statement
IATA	: International Air Transport Association
ICAO	: International Civil Aviation Organization
IMDG	: International Maritime Dangerous Goods
IMO	: International Maritime Organization
LC50	: Lethal concentration 50%
LD50	: Lethal Dose 50%
MARPOL	: Convention for the Prevention of Marine Pollution from Ships
PBT	: Persistent, Bioaccumulative and Toxic
ppm	: parts per million
REACH	: Registration, Evaluation and Authorization of Chemical
VOC	: Volatile Organic Compounds
vPvB	: very Persistent and very Bioaccumulative

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Classification methods used according to Regulation SEA (R.G. 11.12.2013-No 28848 (repeating)) and CLP Regulation (EC) No 1272/2008:

EUH 208 : Calculation method

Full text of hazard statements

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.
H331 : Toxic if inhaled
H372 : Causes damage to organs through prolonged or repeated exposure
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
EUH071 : Corrosive to the respiratory tract.

Full text of classifications

Acute Tox.2 : Acute toxicity - Category 2
Acute Tox.3 : Acute toxicity - Category 3
Acute Tox.4 : Acute toxicity - Category 4
Aquatic Acute 1 : Short-term (acute) aquatic hazard - Category 1
Aquatic Chronic 1 : Long-term (chronic) aquatic hazard - Category 1
Eye Dam.1 : Serious eye damage/eye irritation - Category 1
Eye Irrit.2 : Serious eye damage/eye irritation - Category 2
Skin Corr.1C : Skin corrosion/irritation - Category 1C
Skin Irrit.2 : Skin corrosion/irritation - Category 2
Skin Sens.1 : Skin sensitization - Category 1
Skin Sens.1A : Skin sensitization - Category 1A
STOT RE 1 : Specific target organ toxicity – Repeated exposure - Category 1

Name-Surname : Seval KARAHASAN
Certificate No : KDU-A-0-0178
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Note: The data given here is based on our current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.