



EcoBuild® ایکو بیلڈ

## MATERIAL SAFETY DATA SHEET

### 1: Product and company identification

#### 1.1 Substance/Mixture identity

Product name: **Eco Permium Pro Exterior Wall Paint**

#### 1.2 Designated uses and non-recommended uses of the substance or mixture

No other important information is available.

Use / Preparation of the Substance Silicone emulsion based exterior paint that stays clean for a long time with its photocatalytic feature and is resistant to pollution on exterior.

#### 1.3 Information of the supplier of the safety data sheet

Manufacturer / Deliverer: KONIZMA INŞ. İtd.STİ

Address: Büyükkayacık OSB.Mah.102. Cad. NO:12 42050 Selcuku/ KONYA/ Turkey

Tel: 00 90 332 342 21 68

Fax: 00 90 332 342 21 69

[www.konizma.com](http://www.konizma.com)

The section that provides information about security: R & D DEPARTMENT

#### 1.4 Emergency telephone number 0090 332 342 21 68

National Poison Information Center (UZEM) : 114

### 2: Identification of harmfulness

#### 2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Skin Sens.1 H317 Causes allergic skin reactions.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

Signs of Harmfulness GHS07

Warning Word Caution

Hazard-determining components for labeling:

mixture: 5-chloro-2-methyl-4-isothiazoline-3 one [EC no. 247-500-7] and 2-methyl-2H isothiazole-3-one [EC no. 220-239-6]

(3:1); mixture: 5-chloro-2-methyl-4 isothiazoline-3-one [EC no. 247-500-7] formaldehyde urea tetramethyl astylene 2-octyl-2H-isothiazole-3-one

Expression of Harmfulness

H317 Causes allergic skin reactions.

Precautionary Statement

P101 If medical advice is required, keep the packaging or label.

P102 Keep out of reach of children.

P103 Read the label before use.

P261 Avoid inhaling its dust/smoke/gas/fog/vapor/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P321 Special intervention required (see label) P363 Wash contaminated clothing before reuse.

P333+P313 If there is irritation or itching on the skin: Seek medical attention/intervention.

P501 Contents/container dispose of it in accordance with local/regional/national/international legislation.

## 2.3 Other damages Results of PBT and vpvb assessment

PBT: Not applicable.

VPVB: Not applicable.

## **3: Composition/ Information about ingredients**

### 3.2 Mixtures

Recipe:

Hazardous substances contained: CAS: 471 34-1

EINECS: 207-439-9

calcium carbonate 10-25%

CAS: 1332-58-7

Kaolin 2.5-10%

CAS: 12001-26-2 Mica 2.5-10%

CAS: 64742-88-7

EINECS: 265-191-7

solvent naphtha (petroleum), medium aliphatic

Flam. Liq. 3, H226; Asp. Tox. 1, H304CAS: 2634-33-5

EINECS: 220-120-9

1,2-benzisothiazole-3(2H)-one

Eye Dam. 1, H318; 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 \*

Additional warnings: take the text of the specified danger signs from Section 16 October

## **4: First aid measures**

### 4.1 Description of first aid measures

After inhalation: A doctor should be consulted just in case, providing plenty of fresh air. In case of fainting, it should be laid down and carried in a fixed lateral position.

After skin contact: Wash immediately with soap and water and rinse thoroughly.

After contact with eyes: Keep the eyes under running water for a few minutes with the eyelids open.

After ingestion: Consult a doctor if complaints persist.

4.2 Acute and subsequent important symptoms and effects No further important information is available.

4.3 Initial indications for the need for medical intervention and special treatment No other important information is available.

## **5: Fire-fighting measures**

### 5.1 Fire extinguishers

Suitable extinguishing agents: CO<sub>2</sub>, quenching powder or spraying water. Spraying with larger fires with water and alcohol resistant foam please fight.

5.2 Special damages caused by the substance or mixture No further important information is available.

### 5.3 Recommendations for firefighting crews

Special protective equipment: Special precautions do not need to be taken.

## **6: Measures against accidental spread**

6.1 Personal precautions, protective equipment and emergency procedures are not required.

6.2 Environmental precautions Avoid mixing with sewage/Surface water/Groundwater.

6.3 Methods and materials for preservation and cleaning We are sure with liquid binder material (Sand, diatomite, acid binder, general binder, sawdust in flour).

Ensure adequate ventilation.

6.4 References to other sections Information about safe use 7. From The Section.

## **7: Handling and storage**

7.1 Precautions for safe handling Ensure that the working place is well ventilated / the air is well absorbed. Prevent the formation of aerosols (liquid dispersed in the form of fog in a gas). Warnings for protection from fire and explosion: Special precautions do not need to be taken.

7.2 Conditions for safe storage, including disputes

Storage:

Properties required in warehouses and containers: Certain conditions are not required.

Warnings about storage together: Not necessary.

Other information about storage conditions: None.

7.3 Specific end uses No further important information is available.

## **8: Exposure controls/ personal protection**

Additional information on the shaping of technical installations: There is no other information, see October 7.

8.1 Control parameters

Components related to the workplace that have limit values that need to be checked:

471-34-1 calcium carbonate

PEL (USA) Long time value: 15\* 5\*\* mg/m<sup>3</sup>

total dust \*\*breathable fraction REL (USA) Long time value: 10\* 5\*\* mg/m<sup>3</sup>

total dust \*\*breathable fraction TLV (USA) TLV withdrawn 1332-58-7 Kaolin

PEL (USA) Long time value: 15\* 5\*\* mg/m<sup>3</sup>

total dust \*\*breathable fraction

REL (USA) Long time value: 10\* 5\*\* mg/m<sup>3</sup>

total dust \*\*breathable fraction

TLV (USA) Long time value: 2\*mg/m<sup>3</sup> E; as breathable fraction 12001-26-2 Mica

PEL(USA) Long time value: 20 mppcf ppm

Remove contaminated, liquid-contaminated clothing items immediately.

Wash your hands before breaks and at the end of overtime.

Breathable protective measures: When under a short-term or low degree of negative influence, the breath filter device is used intensively or for a long time when under the influence of time, use a breathable protective device that is independent of the surrounding air.

Protecting hands: Protective gloves: The glove material must be impermeable and durable in relation to the product / material / prepared substance. Due to missing tests product / gloves required for the prepared substance / chemical mixture no recommendations can be made regarding the material that should be used in its manufacture.

In the selection of materials used for the manufacture of gloves, it is necessary to determine the puncture times, permeability rates and it is necessary to take into account the deterioration.

Glove material When choosing the appropriate glove, take into account not only the material of manufacture, but also other quality characteristics must be taken, and these vary from manufacturer to manufacturer.

Each product contains many materials since it consists of a combination, the durability of the gloves cannot be calculated in advance, and therefore each gloves must be checked before use.

Duration of penetration into the glove material The exact puncture (wear) time should be learned from the glove manufacturer and these times should be observed.

Eye protection: Protective glasses are recommended when filling from one place to another.

## **9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

General information

Look Format: Liquid form Color: According to the product name

Odor: Characteristic

The odor threshold is not specific.

pH - value at 20°C: 7-9

Change of status Melting temperature / Melting heat area: Not determined.

Boiling point / Boiling heat area: 100°C

Flame retardant: Not applicable.

Ability to ignite (solid, gaseous): Not applicable.

Ignition temperature: Thawing temperature: Not specific.

Self-igniting feature: The product is non-self igniting.

Explosion hazard: There is no explosion hazard of the product.

Explosion limits: Alt: Not specific. Top: Not specific.

Vapor pressure at 20°C: 23 hPa

Density at 20°C: 1.52-1.58 g/cm<sup>3</sup>

The relative density is not specific.

The vapor density is not specific.

The evaporation rate is not specific.

Dissolving ability/ mixing ability with water: It is completely miscible.

Distribution coefficient (n-Octanol/Water): Not specific.

Viscosity: Dynamic: Not specific. Kinematics: Not specific.

9.2 Other information No other important information is available.

## **10: Stability and responsiveness**

### 10.1 Reaction

### 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: There is no decomposition when used properly.

10.3 Possibility of harmful reactions Dangerous reactions are not heard of.

10.4 Situations that should be avoided are more important.

## **11: Toxicological information**

### 11.1 Information on toxic effects.

Acute toxicity:

Primary irritant effect:

on the skin: There is no stimulating effect

in the eye: There is no irritating effect.

Sensitization: It can increase the sensitivity by skin contact.

October toxicological warnings: The product is the latest valid calculation method of the EC's General classification regulations for prepared substances according to the text, it has the following dangers: It is irritating.

## **12: Ecological information**

### 12.1 Toxicity

Water toxicity: No other important information is available.

12.2 Persistence and degradability No further important information is available.

12.3 Bioaccumulative potential No further important information is available.

12.4 Soil mobility No other important information is available.

Other ecological warnings:

General warnings:

Water threat class 2: water is threatening Prevent it from reaching groundwater, standing and flowing water and sewage. Even small amounts threaten drinking water if it flows underground.

12.5 Results of PBT and vPvB assessment.

PBT: Not applicable.

VPVB: Not applicable.

12.6 Other adverse effects No further important information is available.

### **13: Disposal information**

13.1 Waste processing methods

Advice: It is forbidden to dispose of it together with household garbage. Prevent it from reaching the sewer.

Uncleaned packaging:

Recommendation: Liquidation is carried out according to the regulations of the official authorities.

### **14: Transportation information**

14.1 UN number (number on the box package)

ADR, ADN, IMDG, IATA –

14.2 Appropriate FLOUR transport name

ADR, ADN, IMDG, IATA –

14.3 Transport hazard class(s)

ADR, ADN, IMDG, IATA

Class

14.4 Packaging group

ADR, IMDG, IATA

14.5 Environmental damages

Marine pollutant: No

14.6 Special precautions cannot be applied to the user.

14.7 Pouring according to MARPOL 73/78 October II and IBC code transportation is not applicable.

UN "Model Regulation"

### **15: Regulatory information**

15.1 Safety, health and environmental legislation specific to the substance or mixture

National provisions:

The ratio as a class % Wasser 26,1 I 0,1 NK 1,3

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

### **16: Other information**

The data are based on our current state of knowledge, but they do not constitute guarantees regarding product characteristics and they do not establish a contractual legal relationship.

Important ingredients H226 Flammable liquid and vapor.

H302 is harmful if swallowed.

H304 is fatal in case of penetration into the respiratory tract and ingestion.

H315 Causes skin irritation.

H317 Causes allergic skin reactions.

H318 Causes serious eye damage.

H400 is very toxic in the aquatic environment.

Abbreviations and: RID: (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: (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)

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irritation. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration Hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1