**SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING**

**1.1 Product Identifier**

**Product Name :** FORTESIL

**Product Code :** 8003

**Description :** Water based, acrylic emulsion based, having high hiding power, decorative matt

 interior paint.

**1.2 Relevant Identified Uses Of The Product And Uses Advised Against**

All kinds of interior as plaster, concrete and eternit etc.

**1.3 Details Of The Supplier Of The Safety Data Sheet**

Manufacturer Company : ONE BOYA ve KİMYA İNŞAAT TURİZM LTD.ŞTİ

Address : Kömürcüler mah. S.S.Kuzey Akdeniz Koop. 2888 sk. N0: 11 07190 Döşemealtı –Antalya / Turkey

Telephone : +90 (242) 504 19 74 (Monday – Friday 9.00-12.30 ; 13.30-17.00)

Fax : +90 (242) 504 14 95

Company e -mail : info@oneboya.com

Company Web Page : [www.oneboya.com](http://www.oneboya.com)

**1.4 Information Providing Authority About Safety Data Sheet**

Şaban Karaköse : saban@oneboya.com

**1.5 Emergency Telephone Number**

**Company Emergency Telephone : +90(533) 648 99 01**

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1Classification Of The Product**

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

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

**Adverse physicochemical, human health and environmental effects:** No other hazards.

**2.2. Label elements**

**Hazard statements**

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC No:247-500-

7] and 2-methyl-2H-isothiazol-3-one [EC No:220-229-6] (3:1). May produce an allergic

reaction.

**Precautionary statements**

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash skin thoroughly after handling.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P404 Store in a closed container.

P410 Protect from sunlight

**2.3. Other hazards**

**vPvB Substances: None - PBT Substances:** None

**Other Hazards:** No other hazards

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Description Of The Substance**

**Preparation; Paint**

**3.2 Hazardous ingredients**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **CONTENT %** | **IDENT. NUMBER**  | **CLASSIFICATION CLP** |
| **Ethanediol** | **1,5-1,7** | **EC : 203-473-3 CAS : 107-21-1** | **WARNING** **Acute toxicity, Category 4, oral; H302.** |
| **reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one[EC No:247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No:220-229-6] (3:1)** | **≤ 0,5** | **CAS : 55965-84-9****M factor (Acute) = 10****M factor (Chronic) = 10** | **Acute Tox. 3 - H301****Acute Tox. 2 - H310****Acute Tox. 2 - H330****Skin Corr. 1B - H314****Skin Sens. 1 - H317****Aquatic Acute 1 - H400****Aquatic Chronic 1 - H410** |

**The full text for all hazard statements is displayed in Section 16.**

**SECTION 4 : FIRST AID MEASURES**

**4.1 General information :**

If in doubt, get medical attention promptly. Get medical attention if symptoms are severe or

persist. Never give anything by mouth to an unconscious person. Show this Safety Data

Sheet to the medical personnel

 **4.2 Following inhalation : N/A**

**4.3 Following skin contact :** Remove affected person from source of contamination.Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water. Seek medical attention in event of irritation.

**4.4 Following eye contact :** Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eyeand moving the eyelids by occasionally lifting the upper and lower lids. Removal of contact lenses after an eye injury should only be undertaken byskilled personnel.Contact physician if Irritation persists

**4.5 Following ingestion :** Remove victim immediately from source . Provide rest, warmth and fresh air. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Obtain medical attention.

**4.6 Notes for the doctor :** Treat symptomatically.

**SECTION 5: FIRE- FIGHTING MEASURES**

**5.1 General Information and Flammable Properties Substance : is** not combustible.

**5.2 Extinguishing media:** Not relevant. Unusual fire or explosion hazards are not noted

**5.3 Special hazards arising from the product :** No specific firefighting precautions known.

**5.4 Advice for fire-fighters :** No specific equipment is mandatory

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures :** Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8.

**6.2. Environmental precautions :** Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand

**6.3. Methods and material for containment and cleaning up :** Wash with plenty of water.

**6.4. Reference to other sections:** See also section 8 and 13

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling :** Avoid contact with skin and eyes, inhaltion of vapours and mists. Do not eat or drink while working. See also section 8 for recommended protective equipment.

**7.2. Conditions for safe storage, including any incompatibilities :** Keep away from food, drink and feed. Incompatible materials: None in particular. Instructions as regards storage premises: Adequately ventilated premises.

**7.3. Specific end use(s) :** None in particular

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1. Control parameters :** No occupational exposure limit available

**DNEL Exposure Limit Values :** N.A.

**PNEC Exposure Limit Values :**N.A.

**8.2. Exposure controls:**

 **Eye protection:** Not needed for normal use. Anyway, operate according good working practices.

**Protection for skin:** No special precaution must be adopted for normal use.

**Protection for hands:** Not needed for normal use.

**Respiratory protection:** Not needed for normal use.

**Thermal Hazards:** None

**Environmental exposure controls:** None

**Appropriate engineering controls:** None

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**Appearance:** liquid

**Colour:** Catalog Colors

**Various Odour:** characteristic

**pH:** 8-9

**Density ( g/cm3 ) :** 1,65 ± 0,05

**Melting point °C / freezing point °C :** N.A.

**Initial boiling point and boiling range:** N.A.

**Solid/gas flammability:** N.A.

**Upper/lower flammability or explosive limits:** N.A.

**Vapour density:** N.A.

**Flash point °C:** N.A.

**Evaporation rate:** N.A.

**Vapour pressure:** N.A.

**Solubility in oil:** N.A.

**Partition coefficient (n-octanol/water):** N.A.

**Auto-ignition temperature:** N.A.

**Decomposition temperature:** N.A.

**Viscosity:** N.A.

**Explosive properties:** N.A.

**Oxidizing properties:** N.A.

**9.2. Other information**

**Miscibility:** N.A.

**Fat Solubility:** N.A.

**Conductivity:** N.A.

**Substance Groups relevant properties :** N.A

**SECTION 10 : STABILITY AND REACTIVITY**

**10.1 Reactivity :** Stable under normal conditions

**10.2 Chemical stability :**Product is normally stable.

**10.3 Possibility of hazardous reactions :** No dangerous reactions known.

**10.4 Conditions to avoid :** No significant condition.

**10.5 Incompatible materials :** No significant material.

**10.6 Hazardous decomposition products:**

 **Fire creates:** Toxic gases / vapors / fumes of: Carbon dioxide (CO2). Carbon monoxide (CO)

**10.7 Hazardous polymerization:** Will not ocur.

**SECTION 11 :TOXICOLOGICAL INFORMATION**

**11.1 General Information :** According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion

 **11.2 Acute toxicity:** No data

**11.3 Skin corrosion/irritation and Eye damage/irritation:**

**Skin irritation:** No significant data identified in literature search

**Eye irritation:** No significant data identified in literature search

**11.4 CMR effects (Carcinogenity) :** No significant data identified in literature search.

**11.5 CMR effects (Mutagenicity and Toxicity for reproduction) :** No significant data identified in literature search.

**11.6 Other Toxicological Effects:**

**11.7 STOT-single/repeated exposures:**

 **STOT-single exposure :** No data available

 **STOT-repeated exposure :** No data available

**11.8 Symptoms related to the physical, chemical and toxicological characteristics:**

 **In case of inhalation :** None expected.

 **In case of skin contact :** Not irritating to skin. May cause an allergic skin reaction.

 **In case of eye contact :** Particles in the eyes may cause irritation and smarting.

**In case of ingestion :** May cause stomach pain or vomiting.

**11.9 Additional Toxicological Information:** Toxicological classifications are based on available knowledge and information.

**EEC classification:** None.

**The special effects to health are considered by taking into account the information in section 3**

**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity:** DO NOT allow wash water from cleaning or process equipment to enter drains. **Acute Toxicity:** No data

**12.2 Photo degradation :** Not applicable

**12.3 Effects on Waste Water Treatment Plants:** Do not allow the product to enter drainage system and do not direct to wastewater treatment plants

**12.4 Mobility Miscible with water:**

Refer to ecotoxicity.

**Water threat class :** No data available

**Clean Water Impact :** No data available

**Known or predicted environmental distribution :**No data available

**12.5 Results of PBT and vPvB assessment :**

**Abiotic;**

**Ready biodegradability:** No data available

**Hydrolysis as a function of pH:** No data available

**Photolysis:** No data available

**Persistence and degradability;**

**Decomposition Potential of the products** : No data available

**The half-life of degradation Potential degradation of product content in the :** No data available

**Bioaccumulation Potential ;**

**Biologic al environment (biota) accumulation potential :** No data available

**Potential – nutrients pass through :** No data available

**Reference Values – Log Kow Sw and BCF :** No data available

**12.6 Additional information :** Do not allow to be released into the environment. See the sections 6, 7, 13, 14 and 15

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods :** Recover if possible. In so doing, comply with the local and national regulations currently in force.

**SECTION 14 : TRANSPORT INFORMATION**

**The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG),and of the International Air Transport Association (IATA) regulations**

**14.1. UN number :** Not classified as dangerous in the meaning of transport regulations.

**14.2. UN proper shipping name :** N.A.

**14.3. Transport hazard class(es):** N.A.

**14.4. Packing group :** N.A.

**14.5. Environmental hazards :** N.A.

**14.6. Special precautions for user limited quantity:** N.A.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code :** N.A.

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health And Environmental Regulations / Legislation Specific For The Substance :** European Union – European Inventory of Existing Commercial Chemical Substances (EINECS) “European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures – Annex VI S)(English)”

**15.2 Chemical Safety Assessment :** A Chemical Safety Assessment has not been carried out.

**15.2.1 HAZARD** : CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008) Skin Sensitization Category 1, H317 15.3

**15.3 Label Elements :** This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006 and ISO 11014:2009. This product is classified according to EU Directive GHS/CLP.

**SECTION 16 : OTHER INFORMATION**

For additional information regarding ONE BOYA ve KİMYA İNŞAAT TURİZM LTD.ŞTİ products and services please contact the ONE BOYA ve KİMYA İNŞAAT TURİZM LTD.ŞTİ , +90(242) 504 19 74 , info@oneboya.com

The above information complies with the 1907/2006 Directives and their amendments.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources: ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

Full text of phrases referred to in Section 3:

H330 Fatal if inhaled.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

 H311 Toxic in contact with skin.

|  |  |  |
| --- | --- | --- |
| **Hazard class and hazard category** | **Code** | **Description** |
| Acute Tox. 1 | 3.1/1/Inhal | Acute toxicity (inhalation), Category 1 |
| Acute Tox. 2 | 3.1/2/Inhal | Acute toxicity (inhalation), Category 2 |
| Acute Tox. 3 | 3.1/3/Dermal | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 | 3.1/3/ORAL  | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 | 3.1/4/ORAL  | Acute toxicity (oral), Category 4 |
| Skin Corr. 1B | 3.2/1B | Skin corrosion, Category 1B |
| Skin Irrit. 2 | 3.2/2. | Skin irritation, Category 2 |
| Eye Dam. 1 | 3.3/1. | Serious eye damage, Category 1 |
| Skin Sens. 1,1A,1B | 3.4.2/1-1A-1B | Skin Sensitisation, Category 1,1A,1B |
| Skin Sens. 1A | 3.4.2/1A | Skin Sensitisation, Category 1A |
| Aquatic Acute 1 | 4.1/A1 | Acute aquatic hazard, category 1 |
| Aquatic Chronic 1 | 4.1/C1 | Chronic (long term) aquatic hazard, category 1 |
| Aquatic Chronic 2 | 4.1/C2 | Chronic (long term) aquatic hazard, category 2 |

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release

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

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

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

ICAO: International Civil Aviation Organization.

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

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWA: Time-weighted average

WGK: German Water Hazard Class