

Material Safety Data Sheet

(Prepared in accordance with the Regulation on Information Forms on Hazardous Substances and Mixtures (Official Gazette on Registration, Evaluation, Authorization and Restriction of Chemicals 30105 dated 23 June 2017) and (EU) 2020/878

Marcomix silicone-based interior and exterior paint primer

Version: 1.0

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1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name

Marcomix silicone-based interior and exterior paint primer

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses

Water-based silicone-containing interior paint primer.

Uses Advised Against

No data available

1.3 Details Of The Manufacturer and Supplier Of The Safety Data Sheet

Supplier (Manufacturer)

MARCOMIX İNŞAAT VE İTHALAT İHRACAT LTD
ŞTİ

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No:45/A Seyhan Adana TÜRKİYE

Phone

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1.4 Emergency Telephone Number

European Emergency N°: 112

Emergency telephone at the company : + 90 532 651 07 72

2. HAZARDS IDENTIFICATION

2.1. Classification According to Regulation

Skin Sensitisation, Category 1 – H317

Serious Eye Damage, Category 1 – H318

Aquatic Chronic, Category 1 – H410

2.2. Label Elements

2.2.1. Labeling According to Regulation

Hazard Pictograms



Signal Word

Danger

Hazard Statement(s)

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing vapours/mist/spray.

P280 Wear protective gloves / eye protection.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present.

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

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local regulations.

Supplemental Hazard Information (EU) Statements

No information

2.3. Additional Information

Water-based product. No PBT/vPvB $\geq 0.1\%$.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

The compound product

3.2 Hazardous ingredients

CHEMICAL NAME	EINECS² NO-	CONTENT %	CLASSIFICATION
	CAS³ NO.		CLP
Sodium metaphosphate	233-343-1 10124-56-8	0,2	Not classified as hazardous
Cellulose, 2-hydroxyethyl ether	618-387-5 9004-62-0	0,5	STOT SE 3 H335 Skin Irrit. 2 H315 Eye Irrit. 2 H319
Talc	238-877-9 14807-96-6	2,5	Not classified as hazardous
Calcite	207-439-9 471-34-1	30	Not classified as hazardous
2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with ethenylbenzene and 2-ethylhexyl 2-propenoate	686-648-0 68240-06-2	25	Not classified as hazardous
Isopropanol-Silicon	933-297-9 8050-81-5	0,2	Flam. Liq. 2 H225 STOT SE 3 H335 Eye Irrit. 2 H319
Titanium dioxide	236-675-5 13463-67-7	10	Not classified as hazardous
Ethane-1,2-diol	203-473-3 107-21-1	1	Acute Tox. 4 (Oral) H302
2-methyl-2H-isothiazol-3-one	220-239-6 2682-20-4	2,5	Acute Tox. 2 H330 Acute Tox. 3 H311 Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1A H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
Aqua	231-791-2 7732-18-5	20	Not classified as hazardous

3.2.1 Additional information

No data available

3.2.2 Additional warnings:

All the explanations for damage related to the subject are given in Chapter 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

Remove to fresh air. Keep at rest. Seek medical attention if symptoms persist.

4.1.2 Following inhalation

Movement of the exposed individual from the area to fresh air is recommended.

4.1.3 Following skin contact

Immediately remove contaminated clothing. Wash skin with plenty of water. Seek medical advice.

4.1.4 Following eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present. Get immediate medical attention.

4.1.5 Following ingestion

Do NOT induce vomiting. Rinse mouth. Immediately call a poison centre or physician.

4.2 Significant Signs and Implications of Acute and Postdose

No information

4.3 First Signs for Medical Intervention and Special Treatment Needs

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Fire extinguishers:

Suitable Extinguishing: : Water spray, foam, CO₂, dry powder.

Incompatible: High-pressure water jet

Other Explanations: No data available

5.2 Special hazards arising from the substance or mixture:

Water-based; not classified as flammable; decomposition gases may form under fire.

5.3 Recommendations for Fire Fighting Squads:

Fire Fighting Instructions: Evacuate non-essential personnel.

Fight fire from a safe distance and from upwind position.

Prevent fire-fighting water from entering drains, surface water or soil.

Protective Equipment for Personnel involved in the fight against fire: Self-contained breathing apparatus (SCBA)

Full protective clothing resistant to chemicals and heat

Other Explanations: No information

5.4 Other informations

No information

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Exposure controls and personal protective measures as described in section 8.

Protective Equipment Use personal protective equipment in compliance with national legislation.

Evacuate the area and keep unnecessary personnel away.
Avoid breathing vapours, mist or spray.
Avoid contact with skin, eyes and clothing.
Eliminate all ignition sources (open flames, sparks, hot surfaces).

**Emergency
Procedures**

Ensure adequate ventilation.
Do not touch or walk through spilled material.

Other Explanations

No information

6.1.2 For Persons Interfering in an Emergency

Protective Equipment

Wear personal protective equipment in compliance with national legislation. Use chemical-resistant gloves, protective clothing and eye/face protection.

Emergency Procedures

Approach spill from upwind direction.
Avoid formation of aerosols.

Other Explanation

No data available

6.2 Environmental Precautions:

Prevent release into drains, surface water, groundwater and soil. Notify relevant environmental authorities in case of significant contamination. The product contains substances very toxic to aquatic organisms with long-lasting effects.

6.3 Methods and Materials for Conservation and Cleaning:

Stop leak if safe to do so. Dike and contain spill with non-combustible, inert materials (sand, earth, vermiculite). Cleaning methods. Absorb spilled material with inert absorbent material.

Collect in clearly labelled, suitable containers for disposal. Clean contaminated surfaces with water and mild detergent. Do not use solvents or thinners for cleaning. Avoid generating vapours or spray during clean-up.

6.4 Other Information:

Comply with local regulations.

6.5 References to Other Departments:

Information on safe handling is obtained from Chapter 7.

Information on personal protective equipment is given in section 8.

Information on liquidation is obtained from Chapter 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Only use in well-ventilated areas.

Avoid inhalation of vapours, mist or spray.

Avoid contact with skin and eyes.

Take precautionary measures against static discharge.

Do not eat, drink or smoke while using the product.

Wash hands and exposed skin thoroughly after handling.

Remove contaminated clothing and protective equipment before entering eating areas.

Use the product strictly in accordance with its intended use as an interior paint.

7.1.1 General Handling Recommendations:

7.1.1.1 Warnings for Safe Handling

No information

7.1.1.2 Warnings Regarding Disputes of Substance or Mixtures

No information

7.1.1.3 Environment Related Alerts

No information

7.1.1.4 Additional Notices

No information

7.1.2 Advice on General Occupational Hygiene:

Observe good industrial hygiene practices.

Regularly clean work areas.

Ensure emergency showers and eye wash stations are available and accessible.

Workers exposed to carcinogenic substances should be included in health surveillance programmes where required by legislation.

7.2 Conditions for Safe Storage Including Conflicts:

Technical Measures Keep away from oxidising agents, strong acids and alkalis.

Storage Conditions Store in original, tightly closed containers. Keep containers in a cool, dry and well-ventilated area. Protect from direct sunlight and frost. Store away from food, beverages and animal feed.

Common Storage Terms No information

7.2.1 Advice on general occupational hygiene No information

7.3 Specific End uses: Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

The product is a mixture; occupational exposure limits apply to individual hazardous components where established.

Follow national occupational exposure limit values for:

*Organic vapours
Aerosols and mists
Total inhalable dust*

If no specific limit values are available, exposure shall be kept as low as reasonably achievable

8.2 Exposure controls

8.2.1. Appropriate engineering controls:

Ensure adequate general and local exhaust ventilation. Use local exhaust ventilation at points of emission (spraying, mixing, application). Avoid formation of aerosols and vapours. Where technically possible, use closed or semi-closed systems. Implement organisational measures such as limiting exposure time and isolating exposed personnel.

8.2.2. Individual protection measures such as personal protective equipment:

8.2.2.1 Eye/face protection

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

8.2.2.2 Skin & hands protection

Wear protective clothing with long sleeves.

Hand Protection

Wear chemical-resistant protective gloves (e.g. nitrile, neoprene, PVC).

8.2.2.3 Respiratory protection

In case of insufficient ventilation or during spraying, wear appropriate respiratory protection.

Recommended filter type: A/P combination filter (organic vapours and particulates).

8.2.2.4 Thermal hazards

The substance does not represent a thermal hazard, thus special consideration is not required.

8.2.3. Environmental exposure controls:

Avoid wind dispersal.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.2 Appearance

<i>Form/Physical state</i>	<i>Liquid</i>
<i>Color</i>	<i>According to product specification</i>
<i>Odour</i>	<i>Mild characteristic odour</i>
<i>Odour threshold</i>	<i>Not relevant</i>

9.3 Safety relevant basic data

Viscosity	90-110 ku
Solubility in water	Soluble
Density (g/cm3)	1,35
pH	8,5

Note : The above properties are determined according to the methods prescribed in Annex-I Part A of the Annex-I Regulation on Test Methods to be Applied in Determination of the Physico-Chemical, Toxicological and Ecotoxicological Properties of the Materials and Mixtures, or other comparable method.

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is not reactive under normal conditions of use, handling and storage

10.2 Chemical stability

The product is chemically stable under recommended storage and handling conditions.

10.3 Hazardous Decomposition

No hazardous reactions are known under normal conditions of use.

10.4 Conditions to Avoid: (The temperature at which hazardous reactions may occur is under the conditions to avoid such as pressure, light, shock, etc.):

Heat, hot surfaces, sparks and open flames, Direct sunlight

10.5 Substances to be avoided: (Conditions relevant to water, air, acids, bases, oxidizing agents or any other special substances which may cause a hazardous reaction):

Strong oxidising agents, strong acids, strong bases

10.6 Hazardous decomposition products

Hazardous Decomposition Materials:

Under fire or high temperature conditions, decomposition may produce:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Irritating and toxic organic vapours

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

(a) acute toxicity;

Oral: Harmful if swallowed (due to biocidal and quaternary ammonium compounds)

(b) skin corrosion/irritation;

The mixture is not corrosive. Prolonged or repeated contact may cause mild skin irritation.

(c) serious eye damage/irritation;

Causes serious eye damage.

The mixture is not classified for serious eye damage. Splashes may cause temporary eye irritation.

(d) respiratory or skin sensitisation;

Skin sensitisation: May cause an allergic skin reaction

Respiratory sensitisation: Not classified.

(e) germ cell mutagenicity;

Based on available data, the classification criteria are not met

(f) carcinogenicity;

Based on available data and the physical form of the ingredients in the mixture, the classification criteria are not met.

(g) reproductive toxicity;

Based on available data, the classification criteria are not met

(h) STOT-single exposure

Not classified. Inhalation of spray mist may cause transient respiratory irritation.

(i) STOT-repeated exposure

Not classified. No specific target organ toxicity expected from repeated exposure at normal occupational levels.

(j) aspiration hazard.

Based on available data, the classification criteria are not met

11.2- Information on other hazards

11.2.1- Endocrine disrupting properties *No test data is available for the mixture.*

11.2.2- Other information *No test data is available for the mixture*

12. ECOLOGICAL INFORMATION

12.1. Toxicity

The product is very toxic to aquatic organisms, with long-lasting effects.

12.2. Persistence and degradability

Some components of the product are not readily biodegradable.

12.3. Bioaccumulative potential

Certain components may have potential to bioaccumulate in aquatic organisms.

12.4. Mobility in soil

The product may spread in the environment through water.

12.5. Results of PBT and vPvB assessment

Based on available data, this mixture does not contain components classified as PBT or vPvB at concentrations $\geq 0.1\%$.

12.6. Other adverse effects

No information available indicating endocrine disrupting effects for the mixture.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods

Waste from residues / unused products

Dispose according to local regulations; classify waste according to EWC

Do not discharge into drains, surface water or soil.

Disposal must be carried out by a licensed hazardous waste contractor in accordance with local, national and EU regulations.

Waste paint residues should be collected in suitable, labelled containers.

Incineration or chemical treatment may be appropriate, subject to local authority approval.

Packaging

Empty containers may contain hazardous residues.

Do not reuse empty packaging.

Empty packaging should be drained completely and disposed of in accordance with hazardous waste regulations.

Recycling of packaging is permitted only after proper decontamination and in compliance with local legislation.

14. TRANSPORT INFORMATION

TRANSPORTATION	ADR ⁷ /RID ⁸	ADNR ⁹	IMDG ¹⁰	ICAO ¹¹ /IATA ¹²
14.1. UN/ID No.	Not applicable	Not applicable	Not applicable	Not applicable
14.2. PROPER SHIPPING NAME			Not applicable	
SYMBOL	-	-	--	
14.3. CLASS			Not applicable	
14.4 PACKAGING GROUP			Not applicable	
14.5 ENVIRONMENTAL HAZARDS	-	-	-	-
14.6 SPECIAL PRECAUTIONS FOR USER	Keep containers tightly closed and upright during transport.			

Road Transport Notes:

The product does not have international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID). A warning sign for transport is also not required.

15. REGULATORY INFORMATION

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

Product; Classified and labeled according to the procedures and principles stipulated in the "Regulation on the Classification, Labeling and Packaging of the Products and Mixtures" and "in the EU legislation"

Examine the following regulations for other national measures that may be relevant to legislation or interest for the implementation of the provisions of this safety data sheet.

Regulation on Safety Data Sheets for Hazardous Substances and Mixtures

Regulation on the Classification, Labeling and Packaging of Matter and Mixtures

Regulation on the Restriction and Prohibition of Hazardous Substances and Mixtures

Law on Occupational Health and Safety

Regulation on Health and Safety Precautions in Carcinogenic and Mutagenic Activities

Regulation on Health and Safety Precautions in Working with Chemical Substances

Regulation on the Use of Personal Protective Equipment in

Workplaces Hand Carrying Works Regulation

Waste Management Regulation

Regulation on the Prevention and Reduction of Major Industrial Accidents

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this mixture by the supplier. when the records are submitted to the relevant authority, their approved versions can be supplied from the company

16. OTHER INFORMATION

16.1 Other information

This document has been prepared and documented in accordance with the Regulation on Information Forms on Hazardous Substances and Mixtures (Official Gazette on Registration, Evaluation, Authorization and Restriction of Chemicals 30105 dated 23 June 2017) and (EU) 2020/878.

Expert Accreditation No:Chemical Engineer Fulya Ünal TÜV/11.234.01

16.2 Reason of re-issue

1

16.3 Classification For Mixtures And Used Evaluation Method According To ;

16.4 Explanations on the Methods of Classification of Hazardous Dissatisfaction (Which of the methods of assessing the information set out in Article 11 of the Regulation on Classification, Labeling and Packaging of Materials and Mixtures are used for classification purposes)

16.5 Other Topics:

- Contact our sales department for suggestions on safe use of the product.
- Contact our sales department for recommended limitations on the use of the product and for non-legal recommendations.
- It is advisable to obtain appropriate training for workers to read and use safety data sheets and labeling information in a clear way, in order to protect the human health and environment against product exposure and general safety culture.
- Key information sources used in the arrangement of this safety data sheet;
Safety Information Form / Forms prepared by the manufacturer for the product
 - "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and annexes,
 - "Regulation on the Classification, Labeling and Packing of Materials and Mixtures" and its annexes
 - "Regulation on Health and Safety Precautions for Carcinogenic and Mutagenic Activities" and its annexes,
 - Other relevant local regulations
 - UN ADR, IMDG, IATA lists, ECHA and related EU directives,

Other helpful resources.

16.6 Additional Information:

- The information provided in this Safety Data Sheet was prepared based on our best available experience, knowledge and belief on the date of its preparation.
- The information provided is designed as a guide for safe handling, handling, handling, storage, disposal and disposal.
- This information applies only to the specified substance / mixture, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used.
- Please observe the information on the Safety Data Sheet for use.

This information is based on our current knowledge.

This Safety Data Sheet defines the product according to the recognized safety regulations, but does not guarantee the safety of the product.

It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship.

¹ RG: Official newspaper

² EINECS: Kimyasal maddelerin Avrupa Envanteri

³ CAS: Kimyasal maddelerin servis kayıt numarası

⁴ PBT: Persistent Bioaccumulative Toxic

⁵ VPVB: Very Persistent, Very Bioaccumulative

⁶ BCF: Bioconcentration Factor

⁷ ADR: Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)

⁸ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)

⁹ ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine (EU)

¹⁰ IMDG: International Maritime Dangerous Goods (United Nations)

¹¹ ICAO: International Civil Aviation Organization