



SAFETY DATA SHEET

Prepared pursuant to the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures published in the Official Gazette No. 29204 dated 13.12.2014.

BRILAND SILICONE BASED EXTERIOR PAINT

Preparation Date	1.1.2019	GBF No	2019-103
Revision Date	05.05.2024	Page No	1 / 5
Revision No	01		

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Identification of the Substance /Mixture

Product Form	: Mixture
Product Name	: BRILAND SILICONE BASED EXTERIOR PAINT
Content of the Mixture	: PVA polymer emulsion

1.2. Relevant Identified Uses of the Mixture and Uses Advised Against

1.2.1. Identified Uses

Uses of the Substance/Mixture	: Exterior decorative paint
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1.2.2. Uses advised against

No specific uses advised against are identified

1.3. Details of the Producer

Kardelen Boya ve Kimya San. Ltd. Şti.
ASO 2-3 Organize Sanayi Bölgesi 2036 Cadde No:7 Sincan / ANKARA
T +90 312 398 11 33 - F +90 312 398 09 11
kardelen@kardelenboya.com.tr
Contact Person: Bilge Deryal

1.4. Emergency Phone Number

National Poison Information Center	: 114
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SECTION 2: Hazards Identification

2.1. Classification of the Substance/ Mixture

Classification according to the Regulation on the Classification, Labeling and Packaging of Substances and Mixtures "(SEA) published in the Duplicate Official Gazette no 28848 dated 11 December 2013 and EC no 1272/2008 (CLP) :

Physical Hazards

Not Applicable

Human Health and Environmental Hazards

Eye irritation category 2	H319	Causes serious eye irritation
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2.2. Label Elements

Classification according to the Regulation on the Classification, Labeling and Packaging of Substances and Mixtures "(SEA) published in the Duplicate Official Gazette no 28848 dated 11 December 2013 and EC no 1272/2008 (CLP):

Pictogram



GHS07

Signal Word (CLP)	: Warning
Hazard Statements (CLP)	: H319 Causes serious eye irritation.
Precaution Statements (CLP)	: P264 Wash thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3. Other Hazards

No additional information available

SECTION 3: Information on Composition/Ingredients



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Name	EC No	CAS No	% Concentration	Classification
Ethylene glycol	203-473-3	107-21-1	0,2 – 1	Acute Tox. 4 * - H 302
Acetic acid ethenyl ester polymer with ethanol (PVA)	607-648-9	25213-24-5	40 - 50	Eye Dam. 2 - H 319

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

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

Inhalation	: No measurement is identified.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse immediately with plenty of water for a couple of minutes. Remove any contact lenses if those are intact and easy to do so. Continue to rinse carefully for a couple of minutes. Get medical attention if irritation persists after washing.
Ingestion	: Rinse mouth. Contact NATIONAL POISON INFORMATION CENTER ON 114 or doctor/physician.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media	: The product is non-combustible. No specific firefighting measure is known.
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SECTION 6: Accidental Release Measures

6.1. Personal Precautions

Wear protective clothing/ gloves/ eye and face protection.

6.2. Environmental Precautions

Avoid discharge to the aquatic environment, sewer system or earth.

6.3. Methods and Material for Containment and Cleaning up

Methods for Cleaning up	: Flush contaminated area with plenty of water.
Other Information	: Build a set for large spillage. Contain small spillage with non-combustible absorbent material.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Safe Handling Measures	: Wear protective clothing, gloves, eye and face protection.
Advice on General Occupational Hygiene	: Do not eat, drink or smoke when using this product.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	: Store in a well-ventilated place.
Incompatilbe materials	:

7.3. Specific End Use(s)

No additional information available

SECTION 8: Exposure Control/ Personal Protection

8.1. Control Parameters

EINECS ⁽¹⁾	CAS ⁽²⁾	Name of the substance	occupational exposure limit values				Special mark ⁽³⁾
			TWA ⁽⁴⁾ (8 Saat)		STEL ⁽⁵⁾ (15 Dak.)		
			mg/m ³ ⁽⁶⁾	ppm ⁽⁷⁾	mg/m ³	ppm	
203-473-3	107-21-1	ethylene glycol	52	20	104	40	skin
203-905-0	111-76-2	ethylene glycol monobutyl ether	98	20	246	50	skin

The occupational exposure values given indicate the concentration of chemicals in the air in the respiratory zone.

Special mark: The mark "Skin" indicates that a significant amount can pass into the body through the skin.

Information was taken from the Regulation on Health and Safety Precautions in Working with Chemical Substances.



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8.2. Exposure Controls

Appropriate Engineering Controls	: Provide adequate ventilation
Protective Equipment	: Appropriate protective clothing, safety goggles, gloves
Hand Protection	: Wear protective gloves
Eye Protection	: Wear protective goggles
Skin and Body Protection	: Wear appropriate protective clothing
Respiratory Protection	: Wear appropriate respiratory equipment in case of inadequate ventilation



Environmental Exposure Confinement and Control	: Avoid exposure to environment.
Other Information	: When using this product do not eat, drink or smoke. It is compulsory to take specified measures pursuant to the « Regulation on Personal Protective Equipment » no 26361 dated 29.11.2006.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	: Liquid
Color	: Various Colors
Odor	: Odorless
Odor unit	: No data available
pH (%1) (20 °C)	: 8,5 - 9
Relative Evaporation Rate (butyl acetate=1)	: No data available
Melting Point	: No data available
Freezing Point	: -5 °C
Boiling Point	: No data available
Flashing Point	: No data available
Self Ignition Temperature	: No data available
Deformation Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: No data available
Density at 20 °C	: 1,3 gr / cm ³
Solubility(ies)	: Diluted with water at defined ratio
Log Pow	: No data available
Viscosity	: 115 – 125 KU
Viscosity, Dynamic	: No data available
Explosive Properties	: Not explosive
Oxidising Properties	: No data available
Explosive Limits	: No data available

9.2. Other Information

No additional information available.



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SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under normal usage, storage and carriage conditions

10.2. Chemical Stability

Stable at normal ambient temperatures.

10.3. Possibility of Hazardous Reactions

There are no known conditions that are likely to result in hazardous reactions.

10.5. Conditions to Avoid

No incompatible groups are specified.

10.6. Hazardous Decomposition Products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity - dermal	: Not classified
Acute toxicity - oral	: Not classified
Acute toxicity - inhalation	: Not classified
Skin eruption / irritation	: Not classified
Serious eye damage / irritation	: Cause serious eye irritation.
Respiratory or dermal sensitization	: Not classified
Gamet mutagenity	: Not classified
Carcinogenity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration Hazard	: Not classified

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - general	: Not considered environmentally hazardous.
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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. Results of PBT and vPvB Assessment

No data available

12.6. Other Adverse Effects

No data available

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Disposal Methods	: Dispose the waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of waste and residues in accordance with local authority requirements.
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SECTION 14: Transport Information

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

SECTION 15: Regulatory Information

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

- Regulation on the Classification, Labeling and Packaging of Substances and Mixtures (Duplicate Official Gazette no 28848 dated 11 Dec. 2013)
- Regulation on Safety Data Sheets for Hazardous Substances and Mixtures (Official Gazette no 29204 dated 13 Dec. 2014)
- Regulation on Carriage of Dangerous Goods by Road (Official Gazette no 28801 dated 24 Oct. 2013)
- Regulation on the Transport of Dangerous Goods by Road. (O.G. 18 / 06 /2022 – 31870)
- Regulation on Health and Safety Measures in Working with Chemical Substances (O.G. 12/08/2013 – 28733)

15.2. Chemical Safety Assessment

No chemical safety assessment has been specified.

SECTION 16: Other Information

16.1. Update

The Safety Data Sheet is prepared for the first time.

16.2. Abbreviations

H: Hazardous

P: Precaution

CAS No : Registry number provided by "Chemical Abstracts Service".

EC No : Registry number provided by European Commission according to chemical substances of materials.

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

IMDG Code: International Maritime Dangerous Goods

IATA: International Air Transport Association

RID: Regulations on International Carriage of Dangerous Goods by Railroad

TWA: Time-weighted average measured or calculated for a specified reference period of 8 hours.

STEL: The upper exposure limit value that should not be exceeded for a period of 15 minutes, unless another period is specified.

Occupational exposure limit value: Unless otherwise specified, the upper limit of the time-weighted average of the concentration of chemicals in the air in the respiratory tract of workers over an 8-hour period.

16.3. Key Literature References

- This Safety Data Sheet is prepared based on the information received from the raw material suppliers.
- The information provided in this Safety Data Sheet is based on the best experience, knowledge and beliefs available at the time of its preparation.
- The information is designed to be a guide for safe handling, usage, processing, storage, disposal and destruction.
- This information applies only to the specified substance / mixture, unless specified in the document, and may not apply if this substance is used in combination with other substances or in any other process.
- Observe the information in the Safety Data Sheet for use.
- This Safety Data Sheet defines the product according to the appropriate safety regulations but does not guarantee the product features.
- Does not constitute any assurance and product features do not establish a legally valid contractual relationship.
- The user is responsible for taking the said measures and having full and complete information on the use of the product.

16.4. Hazard Statements

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

16.5. Precaution Statements

P264 Wash thoroughly after handling

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 If eye irritation persists: Get medical advice/attention.

16.6. This Safety Data Sheet Is Issued by

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Document No: TÜV / 11.137.03

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