FPB.001-11.01

SAFETY DATA SHEET
A1 SİLİKONLU GRENLİ

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name A1 SİLİKONLU GRENLİ

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

Identified uses Water based, acrylic resin and silicone used exterior paint.

1.3. Details of the supplier of the safety data sheet

Contact person Occupational Health and Safety Department

Manufacturer POLİSAN KANSAI BOYA SAN. VE TİC. A.Ş.
Demirciler Osb. Mh. Refik Baydur Cd. No:7/3 Dilovası - KOCAELİ
TURKIYE
www.kansaipolisan.com.tr
+90 262 679 60 00
+90 262 606 03 70
info@kansaipolisan.com

1.4. Emergency telephone number

Emergency telephone ULUSAL ZEHIR DANISMA MERKEZI(UZEM):114 POLISAN KANSAI BOYA SAN. TİC. A.Ş. : +90 262 679 73 45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health For health or environmental hazard under current legislation is not counted. The most recent published account of the product "General Classification guideline for preparations of the EU are required to be labeled due to the calculation procedure.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical The product isn't flammable.

Classification (Regulation (EC) No. 1272/2008 CLP).

2.2. Label elements

Hazard statements EUH208 Contains . May produce an allergic reaction.

Precautionary statements P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective clothing, gloves, eye and face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P410 Protect from sunlight.
P404 Store in a closed container.

2.3. Other hazards

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This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANEDIOL **1-5%**

CAS number: 107-21-1 EC number: 203-473-3

Classification
Acute Tox. 4 - H302
STOT RE 2 - H373

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) **<0,002%**

CAS number: 55965-84-9

M factor (Acute) = 100 M factor (Chronic) = 100

SCL:Skin Corr. 1C - H314C ≥ 0,6 %Eye Irrit. 2 - H319: 0,06 % ≤ C < 0,6 %Skin Irrit. 2 - H315: 0,06 % ≤ C < 0,6 %Skin Sens. 1A - H317C ≥ 0,0015 %

Classification
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
Aquatic Chronic 1 - H410

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information If in doubt, get medical attention promptly.

Inhalation N/A

Ingestion IF SWALLOWED: Get medical attention immediately.

Skin contact IF ON SKIN: Wash with plenty of water. Get medical attention if symptoms are severe or persist after washing.

Eye contact IF IN EYES: Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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

General information See Section 11 for additional information on health hazards.

Ingestion May be harmful if swallowed.

Skin contact May cause irritation.

Eye contact No data available.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Specific hazards Not relevant. Unusual fire or explosion hazards are not noted.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters No specific equipment is mandatory.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up For users with sensitive skin, it is recommended that suitable protective gloves are worn. Do not touch or walk into spilled material. Do not discharge into drains or watercourses or onto the ground.

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13. For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. For personal protection, see Section 8.

Advice on general occupational hygiene Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store between 5-35 ºC.

7.3. Specific end use(s)

Usage description Use the product according to its Technical Data Sheet or instructions written on the label.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m³ vapour
Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³ vapour
Sk
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate
Sk

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation.

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Eye/face protection	Wear chemical splash goggles.
Hand protection	Wear protective gloves.
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Wash hands thoroughly after handling.
Respiratory protection	No specific recommendations.
Environmental exposure controls	Look upto Chapter 6

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	The colors covered in the Polisan Color Catalogue.
Odour	Characteristic.
pH	pH (concentrated solution): 8 - 9
Flash point	Not relevant.
Upper/lower flammability or explosive limits	Not relevant.
Other flammability	Technically not feasible.
Relative density	1,59-1,63 g/mL
Viscosity	35000 - 40000 cP @ °C

9.2. Other information

Other information	Matt.
Volatility	Technically not feasible.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under normal conditions.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid	Avoid freezing.

10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Acute toxicity - oral

ATE oral (mg/kg)	25,000.0

Skin corrosion/irritation

Skin corrosion/irritation	No information available.

General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific health hazards known.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	May cause discomfort.
Medical symptoms	May cause discomfort if swallowed.
Medical considerations	No information available.

11.2 Information on other hazards

Information on other hazards

SECTION 12: Ecological information

Ecotoxicity	Not regarded as dangerous for the environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 158 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0,12 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability	The product is not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	There is no information about experimantal datas of product

12.4. Mobility in soil

Mobility	Not considered mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects	Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	The generation of waste should be minimised or avoided wherever possible.

SECTION 14: Transport information

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

14.1. UN number

UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport labels
No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

EU legislation

According to Regulation EC no: 1272/2008

Guidance	Workplace Exposure Limits EH40. Workplace Exposure Limits EH40.

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15.2. Chemical safety assessment

SECTION 16: Other information

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General information	This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Special conditions, the supplier of the product are beyond our control utilization, the consumer is responsible for ensuring mandatories of legislation on the subject. This security information is in the form of interest today are based on the national legislation of the state consists of, health, safety and environmental respects the way. For special cases, technical performance and does not guarantee conformance. Given is based on our present knowledge, however, does not constitute a guarantee for any specific product features and shall not establish a legally valid contract. This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Product 1 Chapter gives other than those specified. Utilization of the product are beyond our control to special conditions, the supplier, the consumer is responsible for ensuring that the requirements of legislation on the subject. Information consisting of present-day situation in this safety data sheet are based on national legislation, health, safety and environmental respects the way. Technical performance and does not guarantee suitability for specific situations. Based on our present knowledge projects, but they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
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Revision date	26/07/2024
Revision	01
Supersedes date	30/05/2016
SDS number	23517
SDS status	Approved.
Hazard statements in full	H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H373 May cause damage to organs through prolonged or repeated exposure if swallowed or if inhaled. EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.