SAFETY DATA SHEET
319-AKROMAX SAF AKRİLİK DIŞ CEPHE BOYASI İPEK MAT

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name 319-AKROMAX SAF AKRİLİK DIŞ CEPHE BOYASI İPEK MAT

Description 100% pure acrylic emulsion based exterior paint with semi-matt appearance.

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

Identified uses All types of exterior mineral facades; masonry, concrete, plaster, brick, tile, asbestos, cement etc

1.3. Details of the supplier of the safety data sheet

Supplier
DYO Boya Fabrikaları San. ve Tic. A.Ş
D.O.S.B 2.Kısım Fırat Cad. No:11 Dilovası/Kocaeli/Turkey
www.dyo.com.tr
02627547560
02627547571

Contact person Kenan Sabak

Manufacturer
DYO Boya Fabrikaları San. ve Tic. A.Ş
D.O.S.B 2.Kısım Fırat Cad. No:11 Dilovası/Kocaeli/Turkey
www.dyo.com.tr
02627547560
02627547571

1.4. Emergency telephone number

Emergency telephone 02627547560 / 02624440396

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE, Mixture 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.

Precautionary statements P102 Keep out of reach of children.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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ETHANEDIOL **1-5%**

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

Classification
Acute Tox. 4 - H302

Pyrithione Zinc **<0,02 %**

CAS number: 13463-41-7 EC number: 236-671-3

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Acute Tox. 3 - H301
Acute Tox. 2 - H330
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

2-OCTYL-2H-ISOTHIAZOL-3-ONE **<0,01 %**

CAS number: 26530-20-1 EC number: 247-761-7

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

DIURON (ISO) **<0,0035 %**

CAS number: 330-54-1 EC number: 206-354-4

M factor (Acute) = 10 M factor (Chronic) = 10

Classification
Acute Tox. 4 - H302
Carc. 2 - H351
STOT RE 2 - H373
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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Mixture 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)	**<0,0015 %**
CAS number: 55965-84-9	
M factor (Acute) = 1	M factor (Chronic) = 1

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
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. Description of first aid measures

General information No special treatment required.

Inhalation Fresh air and rest.

Ingestion Rinse mouth. Give plenty of water to drink. Keep affected person under observation. Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact Continue to rinse for at least 15 minutes and get medical attention.

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

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

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is not flammable.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation. Wear protective gloves.

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6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Contain spillage with sand, earth or other suitable non-combustible material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation.

Advice on general occupational hygiene Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at moderate temperatures in dry, well ventilated area.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

WEL

ETHANEDIOL

Long-term exposure limit(TWA 8-hour): WEL 52 mg/m3(Sk)
Short term exposure limit(STEL 15-minute): WEL 104 mg/m3(Sk)

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate ventilation.

Eye/face protection Wear chemical splash goggles.

Hand protection Wear protective gloves.

Other skin and body protection Wear chemical protective suit.

Hygiene measures Provide eyewash station. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

Respiratory protection No specific requirements are anticipated under normal conditions of use.

Environmental exposure controls Store in a demarcated bunded area to prevent release to drains and/or watercourses.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue.
Odour	Odourless.
Odour threshold	Technically not feasible.
pH	8,3 - 8,7
Melting point	Technically not feasible.
Initial boiling point and range	Technically not feasible.
Flash point	Technically not feasible.
Evaporation rate	Technically not feasible.
Evaporation factor	Technically not feasible.
Flammability (solid, gas)	Technically not feasible.
Upper/lower flammability or explosive limits	Technically not feasible.
Other flammability	Technically not feasible.
Vapour pressure	Technically not feasible.
Vapour density	Technically not feasible.
Relative density	No specific test data are available.
Bulk density	1,32 - 1,36 g/cm3, 25ºC'de
Solubility(ies)	Soluble in water.
Partition coefficient	Technically not feasible.
Auto-ignition temperature	Technically not feasible.
Decomposition Temperature	No specific test data are available.
Viscosity	92 - 98 KU, 25ºC
Explosive properties	Technically not feasible.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	There are no chemical groups present in the product that are associated with oxidising properties.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Refractive index	Technically not feasible.
Particle size	No specific test data are available.
Molecular weight	Technically not feasible.
Volatility	No specific test data are available.
Saturation concentration	Technically not feasible.

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Critical temperature	Technically not feasible.
Volatile organic compound	<40 g/L (Theoretical) , Directive 2004/42/CE Annex II.A-c

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.

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

Toxicological effects	No information available.
Other health effects	There is no evidence that the product can cause cancer.
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Skin contact	No specific health hazards known.
Eye contact	May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity	Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity	The product is not believed to present a hazard due to its physical nature.
Acute toxicity - fish	Not available.
Acute toxicity - aquatic invertebrates	Not available.
Acute toxicity - aquatic plants	Not available.
Acute toxicity - microorganisms	Not available.

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Acute toxicity - terrestrial Not available.

12.2. Persistence and degradability

Persistence and degradability The product is not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Technically not feasible.

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. Other adverse effects

Other adverse effects No information required.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. European Waste Code of the product: 08 01 11* Dispose of empty containers in accordance with national regulations.

Disposal methods Burning

Waste class H-5

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

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

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

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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 Dangerous Preparations Directive 1999/45/EC.
Dangerous Substances Directive 67/548/EEC.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
ATE: Acute Toxicity Estimate.
EINECS : European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service.
GHS: Globally Harmonized System.
LC_{50}: Lethal Concentration to 50 % of a test population.
LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose).
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADNR : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

General information The temperature of the surface should not be lower than 5ºC.

Revision comments This is first issue.

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Hazard statements in full

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic 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.
H331 Toxic if inhaled.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE, Mixture 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.

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier’s control, the user is responsible for ensuring that requirements of relevant legislation are complied with. The information contained in this material safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.