

**SAFETY DATA SHEET****DYOBINDER Emulsion Stabilizing Primer[894-]**

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** DYOBINDER Emulsion Stabilizing Primer[894-]  
**Description** Water-borne, acrylic emulsion based, transparent primer for exterior and interior mineral substrates.

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

**Identified uses** Exterior facades and interior walls: concrete, aerated concrete, plaster, gypsum, putty and chalky surfaces 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 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**

**DYOBINDER Emulsion Stabilizing Primer[894-]**

<b>ETHANEDIOL</b>		0,5-2 %
CAS number: 107-21-1	EC number: 203-473-3	
<b>Classification</b> Acute Tox. 4 - H302		
<b>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)</b>		<0,0015 %
CAS number: 55965-84-9		
M factor (Acute) = 1		M factor (Chronic) = 1
<b>Classification</b> 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**

<b>General information</b>	No special treatment required.
<b>Inhalation</b>	Fresh air and rest.
<b>Ingestion</b>	Rinse mouth. Give plenty of water to drink. Keep affected person under observation. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	See Section 11 for additional information on health hazards.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	The product is non-combustible.
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**5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	The product is not flammable.
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**5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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## DYOBINDER Emulsion Stabilizing Primer[894-]

### 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.

#### 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

##### ETHANEDIOL

Long-term exposure limit(TWA 8-hour): WEL 52 mg/m<sup>3</sup>(Sk)

Short term exposure limit(STEL 15-minute): WEL 104 mg/m<sup>3</sup>(Sk)

**Ingredient comments** No exposure limits known for ingredient(s).

#### 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.

## DYOBINDER Emulsion Stabilizing Primer[894-]

<b>Hygiene measures</b>	Provide eyewash station. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Environmental exposure controls</b>	Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	Technically not feasible.
<b>pH</b>	7,0 - 8,0
<b>Melting point</b>	Technically not feasible.
<b>Initial boiling point and range</b>	Technically not feasible.
<b>Flash point</b>	Technically not feasible.
<b>Evaporation rate</b>	Technically not feasible.
<b>Evaporation factor</b>	Technically not feasible.
<b>Flammability (solid, gas)</b>	Technically not feasible.
<b>Upper/lower flammability or explosive limits</b>	Technically not feasible.
<b>Other flammability</b>	Technically not feasible.
<b>Vapour pressure</b>	Technically not feasible.
<b>Vapour density</b>	Technically not feasible.
<b>Relative density</b>	No specific test data are available.
<b>Bulk density</b>	1,04-1,08 g/cm <sup>3</sup> , 25°C'de
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Technically not feasible.
<b>Auto-ignition temperature</b>	Technically not feasible.
<b>Decomposition Temperature</b>	No specific test data are available.
<b>Viscosity</b>	0-500 cp / sp1, 60 rpm / 25°C
<b>Explosive properties</b>	Technically not feasible.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	There are no chemical groups present in the product that are associated with oxidising properties.
<b>Comments</b>	Information given is applicable to the product as supplied.

#### 9.2. Other information

## DYOBINDER Emulsion Stabilizing Primer[894-]

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.
Critical temperature	Technically not feasible.
Volatile organic compound	<2 g/L (Teorik) Directive 2004/42/CE Annex II.A-h

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
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#### 10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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#### 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.
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#### 10.6. Hazardous decomposition products

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

Toxicity	The product is not believed to present a hazard due to its physical nature.
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## DYOBINDER Emulsion Stabilizing Primer[894-]

**Acute toxicity - fish** Not available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**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. Dispose of empty containers in accordance with national regulations. European Waste Code of the product: 08 01 11\*

**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

## DYOBINDER Emulsion Stabilizing Primer[894-]

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 Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## 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<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
LD<sub>50</sub>: 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 5°C.

**Revision comments**

This is first issue.

**Issued by**

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0.2

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25/04/2016

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20703

## DYOBINDER Emulsion Stabilizing Primer[894-]

### 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.  
H331 Toxic if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
EUH208 Contains 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.