



## MATERIAL SAFETY DATA SHEET

according to regulation ( EC ) 1907/2006 ( REACH ) annex II and 1272/2008 CLP and ; ( EC ) 453/2010

### STYRONİT COMPACT PRIMER

Revision Date:	30.06.2018	Issue No:	1
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## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

### 1.1 Product Identifier

**Commercial Product Name:** **Styronit Compact Primer**

**Product Code:** 8680671074-931

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

Acrylic emulsion and silica based concrete primer.

### 1.3 Details of the supplier of the safety data sheet

#### 1.3.1 Producer

**Company Name:** STYRONİT DOĞAL YALITIM MALZ. SAN. VE TİC. A.Ş.  
**Address:** Şifa Mah. Şifa Yanyol Cad. Gülkar Depolar No.14 A-1 Blok Tuzla –  
İstanbul/ TURKEY  
**Telephone:** +90 216 307 50 38  
**Fax:** +90 216 307 74 52  
**E-Mail:** [info@styronit.com.tr](mailto:info@styronit.com.tr)  
**Website:** [www.styronit.com.tr](http://www.styronit.com.tr)

### 1.4 Emergency Telephone Number

Company Emergency Contact Details: Mr. Semih Unal GSM +90 533 574 18 15  
National Poison Control Centre: 114 ( calls only from Turkey )



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

### 2.2 Label Elements

Not required

#### 2.2.1 Hazard Pictogram(s)

Not required

#### 2.2.2 Hazard Statement(s)

R22 Harmful if swallowed.  
R65 Harmful: may cause lung damage if swallowed.

#### 2.2.3 Precautionary Statement(s)

P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.  
P501 – Dispose of contents/container in accordance with national regulations  
S 2 - Keep out of the reach of children  
S 46 - If swallowed, seek medical advice immediately and show this container or label

### 2.3 Other Hazards

There is no other hazard(s) known except in the label elements section



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	%	CAS No	EC No	Classification
ETHANEDIOL	1-5	107-21-1	203-473-3	R22

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**4.1.1 General Advice(s):** Avoid all unnecessary exposure status.

**4.1.2 Inhalation:** Provide fresh air. It needs self- cleaning in the throat and nasal cavity. If irritation, illness, cough or other symptoms persists or occurs later , contact doctor or seek medical advice.

**4.1.3 Skin Contact:** Wash away with plenty of water. Take off all contaminated clothings. Clean all contaminated clothing before re-use. Consult a doctor if irritation occurs.

**4.1.4 Eye Contact:** Do not rub the eyes because additional cornea damage is possible from mechanical stresses . Remove contact lenses, if any, and wash the eyelids wide open for at least 45 minutes with plenty of clean water. If possible, use isotonic water (0.9% NaCl ). Please contact a specialist for professional drug .

**4.1.5 Ingestion:** Do-Not induce. If the person is conscious, rinse the mouth with water and drink plenty of water. Get immediate medical attention or contact the poison centre.

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

See section 11.

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

No information

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media

##### 5.1.1 Suitable extinguishing media

All type of extinguishing media is acceptable

##### 5.1.2 Unsuitable extinguishing media

No information

#### 5.2 Special hazards arising from the substance or mixture

No information

#### 5.3 Advice for firefighters

The product is not related to fire damage . There is no need for special equipment

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use suitable personal protection equipment. (see section 8.)

Follow the safe use of the advice given in section 7 .

There is no need for emergency procedures.

#### 6.2 Environmental precautions

Do not allow product to get into sewage system, surface water, ground water or drains. It hardens with water. Cured material can clog drains and waterways

#### 6.3 Methods and material for containment cleaning up

If possible, dispose of debris, waste in a dry form

#### 6.4 Reference to other sections

Information on safe use is given in section 7

Information on personal protection equipment is given in section 8

Information on waste treatment method is given in section 13



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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Follow the safe use of the advice given in section 8 .

### 7.2 Conditions for safe storage, including incompatibilities

The product should be stored in its original packaging in dry and sheltered place. To prevent the quality of the product, it must not come into contact with the ground. It must be protected from frost and direct sunlight. It should be stacked to a maximum of 5 rows .The shelf life is 12 months if the conditions mentioned in this article is provided.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Substance	Limit Value	Type of Limit Value	TWA ( 8 hours )	Unit
ETHANEDIOL	Workplace Exposure Limit.	-	52	mg/m <sup>3</sup>

### 8.2 Exposure controls

**8.2.1 Appropriate engineering controls:** None

#### 8.2.2 Individual protection measures

**8.2.2.1** Do not eat, drink or smoke during using the product. Employees should take a shower or use moisturizer after work. Contaminated clothing, shoes , etc should be washed before using again.

Use local exhaust ventilation and general room ventilation.

**8.2.2.2 Eye/Face protection:** Use safety goggles with side shields according to EN 166 to protect the eyes. Use tight goggles to avoid eye irritation or injury in high dust environments..

**Skin/Hand protection:** Use waterproof , abrasion and alkali resistant gloves and clothing. For long term wet cement contact, use additional skin protection products. Wash your skin and/or hand with pH neutral soap.

**Respiratory protection:** To control the dust levels under OSHA PEL , MSHA , PELs and ACGIH TLVs, provide local or general ventilation system vents. Avoid creating dust conditions involving the air . If local or general ventilation is not sufficient to control the dust levels below exposure limits, use MSHA / NIOSH approved respirators . The protections of the respirators must comply with the EN standards.

**Thermal hazards:** None

**8.2.3 Environmental exposure controls:** None

## 9. PHYSICAL & CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Paste form
Color	red
Odor	characteristic
Odor threshold	Not available
pH	8-9
Melting point/freezing point	Not available / 0°C
Initial boiling point&boiling range	Not available
Density	1400-1600 kg/m <sup>3</sup>
Flash point	Not available
Evaporation rate	Not available
Explosive limit	Not available
Solubility	Not available
Auto ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available



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## 10. STABILITY & REACTIVITY

### 10.1 Reactivity

It is stable under normal storage , handling and using conditions and recommended use.

### 10.2 Chemical Stability

It is stable under normal storage , handling and using conditions and recommended use.

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

None.

### 10.5 Incompatible materials

None

### 10.6 Hazardous decomposition products

None

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Mixture

**Acute toxicity:** Skin corrosion/irritation; rabbit, 24 hours (mg/kg): 2000 no death

**Skin corrosion/irritation:** Skin thickening , cracking can cause hairline cracks . With long-term contact can cause severe burns wear

**Serious eye damage/irritation:** Can cause chemical burns, moderate eye irritation and blindness

**Respiratory or skin sensitisation:** It can irritate the throat and respiratory tract. Over long term Occupational exposure limits can cause coughing, shortness of breath and chronic obstructive pulmonary disease (COPD) may lead. In some individuals eczema may occur after contact with the product. Reactions can go from mild rashes to severe eczema

**Germ cell mutagenicity:** It does not include classified as mutagenic agents

**Carcinogenicity:** The product has not been established a causal link between the cancer.

**Reproductive toxicity:** It does not contain substances classified as toxic to reproduction

**STOT-single exposure:** No data

**STOT-repeated exposure:** No data

**Aspiration hazard:** No data

**Other information:** Medical conditions, respiratory diseases and/or emphysema or asthma and / or existing skin and / or eye conditions may become worsen by breathing the product.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data

### 12.2. Persistence and degradability

The product is not expected to be harmful to the environment (LC<sub>50</sub> aquatic toxicity has not been determined . ) . However, the addition of large amounts of product in water may increase the pH and therefore can be toxic to certain aquatic life

### 12.3 Bioaccumulative potential

Is not applicable because the inorganic material. It does not carry the risk of toxic after curing

### 12.4 Mobility in soil

It is not dispersible in the air when it is dry. It can be dispersed to air during carrying

### 12.5 Result of PBT and vPvB assessment

No data

### 12.6 Other adverse effects

There are no known significant effects or critical hazards.

Do not allow the release into the environment , precautions against accidental emissions to the environment , transport and waste disposal information see section 6 , 7, 13, 14 and 15



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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

- Waste and used packing should be disposed of in accordance with official regulations.
- The responsibilities of determination of the appropriate class of waste products according to EU and local regulations and determining the disposal method of producing belongs to the side who generate the wastes.
- Do not allow product to get into sewage system, drinking water sources, surface and ground water or drains.
- It has not got a European Waste Code depending on the user.

### 14. TRANSPORT INFORMATION

It is not covered by any international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID ). There is no need for any classification. Product packages should be kept dry during transport and carefully opened. No any special measures required except mentioned in section 8

### 15. REGULATORY INFORMATION

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

See Section 2 for the classification and labelling information.

National Local Regulations ( Republic of Turkey )

Regulation on classification, labelling and packaging of substances and mixtures

Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures

Occupational Health and Safety Regulation

Regulation on Health and Safety Precautions with carcinogenic and mutagenic substance

Chemical Regulation on Health and Safety Precautions

Personal Protection Equipment Regulation

Regulation of Control of Hazardous Waste

#### 15.2 Chemical safety assessment

Not available

### 16. OTHER INFORMATION

R22 Harmful if swallowed.

R65 Harmful: may cause lung damage if swallowed.

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

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P501 – Dispose of contents/container in accordance with national regulations

S 2 - Keep out of the reach of children

S 46 - If swallowed, seek medical advice immediately and show this container or label

#### Issuing MSDS

Başkent Danışmanlık Hizmetleri Yapı Tic. Ltd. Şti. On behalf of Styronit Doğal Yalıtım Malz. San. Ve Tic. A.Ş.

MSDS Expert Name: Chemical Eng. İpek TOSUN (ipek@baskent.com.tr)

MSDS Expert Accreditation Number: TSE-GBF1825

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