

## Material Safety Data Sheet

It is prepared pursuant to 1907/2006/EC and Regulation on Information Forms on Harmful Substances and Mixtures (R.G. 13.12.2014-29204) .

Issue Date:28.11.2016  
SDS Code:TA-CX-009

Control Date:17.06.2020

### 1 Identification of Material / Mixture and Company / Distributor

#### 1.1. Identification of Material / Mixture

Trade Name: CERMIFIX HP

#### 1.2. Specified or recommended usage of substance/admixture

High performance ready mixed tile adhesive.

#### 1.3. Details of the supplier of the MSDS

Company name: Koramic Yapı Kimyasalları  
Bozüyük OSB 10.Cad No : 3 Bozüyük/BİLECİK  
Tel: +90 228 314 63 00  
Fax: +90 228 314 63 05  
SDS contact person: yasemin.karel@koramic.com.tr

1.4. Emergency Telephone: +90 228 314 63 00(On weekdays, during working hours)

NATIONAL POISON INFORMATION CENTER: 114

### 2. Hazard Identification

#### 2.1. Classification of the substance or mixture

Not classified as hazardous substance/mixture.

#### 2.2. Label Elements

None.

#### 2.3. Other Hazards

None.

### 3 Information on Composition / Contents

#### 3.1. Materials

Not relevant information.

#### 3.2. Mixtures

This product contains non-hazardous acrylic resin, inorganic fillers and admixtures.

### 4 First Aid Measures

#### 4.1. Identification of First Aid Measures:

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**General information:** Remove your contaminated clothes and wash them before reusing.

**After breathing:** Take out the victim to fresh air and hold it in a comfortable position for easy breathing. If coughing and other symptoms increase, consult medical attention.

**After skin contact:** Wash with cold water and soap with neutral pH or a mild detergent. Request medical treatment when exposed to wet cement, cement mixes, fresh cement products, liquid or dry cement for a long time. If skin irritation is concerned: Medical assistance / intervention is required.

**After eye contact:** Continue to rinse for at least 15 minutes with eyelids open to remove all particles. Wash eyes thoroughly with water. Remove the contact lenses, if easy to remove and available. Keep rinsing. If eye irritation persists: Medical assistance / care is required.

**If swallowing:** Do not make the exposed person vomit. If he/she is conscious, make him/her drink plenty of water and call a doctor immediately. If the symptoms continue, call a doctor.

**First-Aid self-protection:** Protect your skin and eyes.

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

It can cause irritation in the eyes and skin.

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

Treated symptomatically.

## 5 Fire Fighting Measures

### 5.1. Extinguishing media:

**Suitable extinguishing media** : Water, CO<sub>2</sub>, KKT, Sand, Chemical Foam Extinguisher

**Unsuitable extinguishing media** : None.

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

### 5.3. Advice for firefighters

Use protective equipment commonly used in the event of a fire (protective gloves / protective clothing / eye protection / face protection materials, etc.).

## 6 Accidental release measures

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

Provide adequate ventilation.

Avoid actions that will cause dust to form.

Avoid breathing dust and contacting with skin. Use personal protective equipment.

### 6.2. Environmental precautions

Avoid mixing with drainage systems, soil or water.

Notify the competent authorities in case of water or sewerage pollution.

### 6.3. Methods and materials for containment and cleaning

Accumulate spillage product with non-flammable absorbent materials(sand,soil etc.)

Avoid contacting with skin. Keep children away during cleaning.

Use personal protective equipment.

### 6.4 References to other sections

Section to be reviewed: 7,8

## 7 Handling and Storage

### 7.1. Precautions for safe handling

Make sure that the necessary ventilation is done. If ventilation is inadequate, use respiratory protection. Avoid contact with skin, eyes or clothing. Use protective gloves / protective clothing / eye protection / face protective materials.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, cool, well-ventilated place. If it is possible, keep it in original package. Opened packages should store safely and reserved.

#### Storage:

Storage temperature :5-30 °C

### 7.3. Specific final uses: Not specified.

## 8 Exposure controls / personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational Exposure Limits

Not current information about exposure limits.

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure that the area is always well ventilated.

Technical protective measures always take precedence over personal protective equipment.

See Chapter 7.

#### 8.2.2. Personal Protective Equipment

**Protective equipments :** Mask and chemical resistant goggles.

**Ventilation:** Ensure that area is always well ventilated.

**Protect the respiratory system:** Proper protection must be used during application.(Airfied masks could be used)

**Protection of hands:**If exposition occurs long term,nitryl and neoprene gloves can be use.Protector cream should be use before contact with the material.

**Protection of eyes:**Protective goggles should be use against splashing the liquid/paste material.

**Protection of skin and body:**Antiseptic gloves which are made from nafure fiber or synthetic fiber that is durable to heat should be worn.

If contact occurs with product,body should be cleaned.



## 9 Physical and chemical properties

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

**Appearance:** White,cream,ready-to use dispersion

**Odor:** Light,characteristic

**Relative Density:** 1.3 g /cm<sup>3</sup>

**PH:** approx. 6-9 (at 20 ° C)

**Boiling point:** Not applicable.

## 10 Stability and Reaction

**10.1. Reactivity:** No dangerous reaction available.

**10.2. Chemical stability:** It is stable under normal conditions.

**10.3. Possibility of hazardous reactions:** No dangerous reaction is known under normal conditions of use.

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**10.4. Conditions to avoid:** None available.

**10.5 Incompatible materials:**None available.

**10.6. Hazardous decomposition products:**

Aluminum dust reacts with alkali and other alkali metals, causing hydrogen gas to emit.

It can release toxic gases as CO<sub>2</sub>,CO after oxidation.

## 11 Toxicological Information

The information given is based on the data on components and on similar toxicological products.

### 11.1 Information on toxicological ethics

#### Styrene Acrylic Copolymer

LD50 >5000 mg/kg (rat,oral,dermal)

### 11.3 Abrasion and irritation effect (Corrosivity and irritation)

Not expected to cause irritation.

### 11.4 Skin corrosion / irritation and eye damage / irritation:

Not expected to cause irritation.

### 11.5 CMR effects (Carcinogenicity) :N/A.

### 11.6 CMR effects (Mutagenicity and Toxicity for Reproduction): N/A

### 11.7 Other Toxicological Effects:

Allergic Effects	No data
Sensitiveness	No data available.
Developmental toxicity	No
(Teratogenicity)	No
Fertility	No
Toxicokinetics	No data

### 12.1 Ekotoksosite EC50(Daphnia magna) : 100 mg/l

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### 12.2 Biyolojik birikim potansiyeli :

Biyoakümülyasyon potansiyeli yoktur.

### 12.3 Biyolojik parçalanabilme değeri : >%80

OECD 302B

### 12.4 Hareketliliği : Veri mevcut degil.

Çevresel bilinen dağılımı : Su ile karışabilir.

## 12 Ecological Information

12.1. Ecotoxicity EC50(daphnia magna): 100 mg/l

12.2. Biological Persistence and degradability >%80 OECD 302B

12.3. Bioaccumulative potential No bio accumulative potential.

12.4. Mobility in soil No data available.

Environmental degradability: Can be mixed with water.

### Environmental points to take into consideration

\*Precautions must be taken to prevent leak into soil,sewage or water resources.

Evaluation has been made according to information of raw material and/or mixable materials.

## 13 Disposal Information

13.1. Waste treatment methods: Don't allowed leak into soil, sewage or drainage. Wastes should be disposed of in accordance with national legislation.This legislation can be changed locally. Only waste producer has responsibility of characteristics of waste and appropriation of current legislation of waste.

## 14 Transportation Information

14.1 UN number :Not relevant

14.2 Suitable UN transportation name :Not relevant

14.3 Transportation hazardous classification(s) :Not relevant

14.4 Group of packaging :Not relevant

14.5 Environmental damages :Not relevant

14.6 Special precautions for users :Not relevant

14.7 MARPOL 73/78 appendix II and bulk transportation according to IBC code :Not applicable

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### 15 Regulatory information

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

This safety data sheet has been prepared / approved by accredited and authorized personnel in accordance with the requirements of the Regulation on Safety Data Sheets on Hazardous Substances and Mixtures (13/12 / 2014-29204). The Regulation on Classification, Labeling and Packing of the Articles and Mixtures dated 11/12/2013 has been taken into consideration in the classification.

### 16 Other Information

The information contained in this Safety Data Sheet is provided only for the latest information and findings. However, neither do they constitute a warranty nor do they constitute a contractual legal relationship. The information provided is for the safe storage, handling, transport and disposal of the product mentioned in this safety data sheet. This information is not used for other products.

#### 16.1. Safety Data Sheet Prepared by:

Prepared by: Yasemin KAREL  
Certificate no: NBC/01.146.05  
Certificate validity date : 17.01.2021

#### 16.2. Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienist
ADR	European Agreement on Carriage of Dangerous Goods by Road
CLP	Regulation on the Classification, Labeling and Packing of Chemicals
DSD	Dangerous Goods Regulation (EC)
IARC	International Agency for Cancer Research
IATA	International Air Transport Association
ICAO	International Civil Aviation Authority
IDLHs	Dangerous for Life or Health Concentrations
IMDG	International Maritime Rules for Dangerous Goods
mg/m <sup>3</sup>	The amount in milligrams of the substance found in 1 m <sup>3</sup> of air at 20 ° C and 101.3 KPa. (760 mm mercury pressure).

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<b>NIOSH</b>	National Institute for Occupational Health and Safety
<b>NTP</b>	National Toxicology Program (USA)
<b>OSHA</b>	Occupational Safety and Health Administration (USA)
<b>PEL</b>	Permissible Exposure Limit
<b>ppm</b>	Amount in milliliters of 1 m3 of airborne material (ml / m3)
<b>RID</b>	International Regulations for the Transport of Dangerous Goods by Rail
<b>SEA</b>	Regulation (TR) on Classification, Labeling and Packing of the Articles and Mixtures No. 28848 (Muk.) Dated 11 December 2013
<b>STEL</b>	Unless otherwise specified, the exposure upper limit value that should not be exceeded for a period of 15 minutes.
<b>TWA</b>	Time-weighted average measured or calculated for the 8-hour reference time