

## 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:10.10.2016  
SDS Code:WM-CX-001

Control Date:17.06.2020

### 1. Identification of the substance/admixture and Company/Distributor

#### 1.1. Identification of the substance/admixture

Trade name : CERMICRYL

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

Acrylic based , ready to use waterproofing material.

#### 1.3. Details of the supplier

**Manufacturer:** Koramic Yapı Kimyasalları  
Bozüyük OSB 10.Cad No : 3 Bozüyük/BİLECİK  
Phone: +90 228 314 63 00  
Fax: +90 228 314 63 05  
Contact: yasemin.karel@koramic.com.tr

**1.4.Emergency phone number :** +90 228 314 63 00 (Workdays and overtime period)

NATIONAL TOXICITY INFORMATION CENTER : 114

### 2.Hazard Identification

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

**H 400** Very toxic to aquatic life.

#### 2.2.Label Elements



**GHS 09**

**Signal Word: Caution**

Aquatic Acute 1      H 400 Very toxic to aquatic life.

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### Precaution

**P 273** Avoid release to the environment

### Prevention

**P 391** Collect spillage.

### Disposal

**P 501** Dispose of contents/container to local/national regulations.

### 2.3. Other Hazards

None.

## 3 Information of Composition/Ingredients

### 3.2. Admixture

| Material          | CAS No     | Concentration (%) | H Descriptions   |
|-------------------|------------|-------------------|--|
| Aqueous Ammonia   | 1336-21-6  | 0,01-0,1          | H302 Harmful if swallowed.<br>H314 Causes severe skin burns and eye damage.<br>H335 May cause respiratory irritation.(C≥%5)<br>H400 Very toxic to aquatic life |
| Ethylene glycol   | 107-21-1   | 1-5               | H302 : Harmful if swallowed.   |
| Calcium Carbonate | 471-34-1   | 50-60             | This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations.                                  |
| Acrylic Polymer   | 25067-01-0 | 10-20             | This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and   |

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|                          |            |       |   |
|--------------------------|------------|-------|---|
|                          |            |       | local regulations.  |
| Water                    | 7732-18-5  | 10-20 | This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations. |
| Silicone dioxide(Quartz) | 14808-60-7 | 5-10  | This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations. |

### 4 First Aid Measures

**General :** If you see some signs of illness or have some doubts , seek medical advice. Don't give anything to unconscious person by oral way.

**Skin contact :** Wash with soap and water immediately.If Skin irritation continue,Seek medical advice.

**Eye contact :** Wash with plenty of water at least 10 minutes by keeping opened eyes.It is not used solvent thinner.

**If Swallowed :** When swallowed by accidently , seek medical advice immediately.Don't induce vomiting.

### 5 Fire fighting measures

#### 5.1. Extinguishing media

**Suitable Extinguishing Equipments:** Alcohol resistance foam ,CO<sub>2</sub>,powders,water spray

**Unsuitable Extinguishing Equipments** : Water jet

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

Decomposition of product can be harmful for health. Suitable respirators can be required.

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### 5.3. Advices for firefighters

Use suitable protective clothing and gas mask for fire condition. Do not allow the materials used in fire-fighting to send into the water sources and drainages.

## 6 Accidental release measures

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

Keep away from source of fire.Avoid inhaling the vapors.

### 6.2. Environmental precautions

Avoid the mixing of surface waters,drains and ground waters.

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

Clean the wastes by using sands,soils etc such as flammable absorbents.

### 6.4 Reference to other sections

Follow the safety recommendations in section 7 and 8.

## 7 Handling and storage

### 7.1. Precautions for safe handling

Eye and skin contact should be avoided . Steams should not be inhaled .

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

#### Storage :

#### Store rooms and Container Features

It must be stored dry and fresh air conditions without exposed direct sunlight by examining labels informations.

The container should be stored in the original packaging or in the original packaging feature.

Opened packages should be closed carefully and should be placed so as to prevent spillage.

#### Informations about storage together

It should not be stored together with incompatible materials .

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Keep away from sources that will cause a fire.

**7.3. Specific and uses :** No more important information.

### 8 Exposure controls/personal protection

#### 8.1.Control parameters.

| Name of Material  | CAS No     | Long Term<br>TWA(8 hours)<br>(mg/m <sup>3</sup> ) | Short Term<br>STEL(15 Min.)(<br>mg/m <sup>3</sup> ) | Source   |
|-------------------|------------|---|---|--|
| Ethylene Glycol   | 107-21-1   | 52  | 104   | About Health and<br>Safety Preventions<br>on Work with<br>Chemical<br>Materials-ANNEX<br>I-Occupational<br>Exposure Limits |
| Calcium Carbonate | 1317-65-13 | 10  | 10  | OSHA   |

#### 8.2.Exposure controls

##### 8.2.1.Suitable engineering control methods

The field should be always be well ventilated.

##### 8.2.2. Personal Protective Equipment

**Protective equipment :** Suitable mask and goggles to protect against chemicals.

**Ventilation :** The field is always sure to be well ventilated.

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**Inhalation protection :** Use suitable protection during the application. air-fed masks can be used.

**Hands protection :** If contact is long and neoprenl nitrile gloves should be used.  
Protective creams should be used before exposure.

**Eyes protection :** Protective goggles should be used against liquid splashes.

**Skin and body protection :** Antiseptic gloves, which is made of natural fiber or high temperature resistant synthetic fiber, should be used. If The contacting happens , The body should be washed.



### 9 Physical and chemical properties

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

|                             |                                   |
|-----------------------------|-----------------------------------|
| Appearance:                 | Liquid                            |
| Colour :                    | Green                             |
| Smell :                     | Light, characteristic             |
| Boiling Point :             | N/A                               |
| Melting and Freezing Point: | -                                 |
| Density                     | 1,3-1,6 g/cm <sup>3</sup>         |
| pH:                         | About 8,5                         |
| Viscosity:                  | -                                 |
| Solubility in water :       | Nonsoluble,but disperse in water. |
| Solubility in lipid :       | Nonsoluble                        |
| Evaporation rate :          | -                                 |
| Low flammability limit :    | -                                 |
| Top flammability limit :    | -                                 |
| Low explosion limit:        | -                                 |
| Top explosion limit:        | -                                 |
| Vapor pressure:             | -                                 |

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Vapor density : -  
Flash point : -

### 10 Stability and reactivity

**10.1. Reactivity :**The product doesn't react dangerously.

**10.2. Chemical stability :** Stable under storage conditions.

**10.3. Possibility of hazardous reactions:** No

**10.4. Conditions to be avoided :** No

**10.5. Substances to be avoided :** Strong oxidizing , acids , bases.

**10.6. The harmful products of decompositions :** Cause toxic materials such as carbone dioxide,carbone monoxide after decomposition.

### 11 Toxicological information

#### 11.1 Information on toxicological effects.

| Important LD / LC50 - values (toxicological experiment values) |
|--|
| <b>25067-01-0 Acrylic Polymer</b>                              |
| Oral LD50 = 5000 mg/kg (rat)                                   |
| <b>107-21-1 Ethylene glycol</b>                                |
| Oral LD50 = 4700 mg/kg (rat)                                   |
| <b>1336-21-6 Aqueous Ammonia</b>                               |
| Oral LD50= 350 mg/kg (rat)                                     |

#### Skin corrosion / irritation

Cause skin irritation.

#### Serious eye damage / eye irritation

Cause serious eye irritation.

#### Acute Toxicity

Harmful if swallowed.

### 12 Ecological Informations

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**Decomposition :** It is not vulnerable to subversion biologically

**Ecotoxic effects :** Any ecological hazards are not known or expected under normal conditions of use.

### 13 Disposal Informations

**Diposal :** Don't send to soil, drainage or water sources. All disposal methods must be suitable accordance with city and region laws and regulations.

These laws and regulations depend on regions. The manufacturer is only responsible for laws of waste and its characteristic features.

This product's waste classified as Hazardous Waste. (EUROPEAN WASTE CATALOGUE, ANNEX III, H 14)

Recommended EWC Code: 16 03 03

### 14 Transport Information

#### 14.1 UN Number

· ADR, ADN, IMDG, IAT : No data

#### 14.2 Suitable UN transport name

· ADR, ADN, IMDG, IATA : No data.

#### 14.3 Transport Hazardous Class

· ADR, ADN, IMDG, IATA : No data

#### 14.4 Packaging Group

· ADR, IMDG, IATA No data

#### 14.5 Environmental Hazardous

· Marine pollutant: No

#### 14.6 Special Preventions for Users : Not applicable



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**14.7 According to MARPOL 73/78 ek II ve IBC code bulk transport :**Not applicable

### 15. Regularity Information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or admixture ·**

**According to (EC) No 1272/2008 Labelling**

The Product labelled and classified according to the SEA regulations.

· **Hazardous Pictogram**

GHS09

· **Warning word :** Caution.

### 16.Other Informations

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. Relevant Harmfulness and Precautionary Statements

**H 400** Very toxic to aquatic life.

**P 273** Avoid release to the environment.

**P 391** Collect spillage.

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**P 501** Dispose of contents/container to local/national regulations.

### 16.3. Abbreviations

|                         |  |
|-------------------------|--|
| <b>ACGIH</b>            | American Conference of Governmental Industrial Hygienist   |
| <b>ADR</b>              | European Agreement on Carriage of Dangerous Goods by Road  |
| <b>CLP</b>              | Regulation on the Classification, Labeling and Packing of Chemicals  |
| <b>DSD</b>              | Dangerous Goods Regulation (EC)  |
| <b>IARC</b>             | International Agency for Cancer Research   |
| <b>IATA</b>             | International Air Transport Association  |
| <b>ICAO</b>             | International Civil Aviation Authority   |
| <b>IDLHs</b>            | Dangerous for Life or Health Concentrations  |
| <b>IMDG</b>             | International Maritime Rules for Dangerous Goods   |
| <b>mg/m<sup>3</sup></b> | 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). |
| <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   |

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**ppm**

Amount in milliliters of 1 m3 of airborne material (ml / m3)

**RID**

International Regulations for the Transport of Dangerous Goods by Rail

**SEA**

Regulation (TR) on Classification, Labeling and Packing of the Articles and Mixtures No. 28848 (Muk.) Dated 11 December 2013

**STEL**

Unless otherwise specified, the exposure upper limit value that should not be exceeded for a period of 15 minutes.

**TWA**

Time-weighted average measured or calculated for the 8-hour reference time