

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:04.11.2016
SDS Code:PIA-CX-002

Revision Date:17.06.2020

1 Identification of Material / Mixture and Company / Distributor

1.1. Identification of Material / Mixture

Trade Name: CERMFILM PLUS

1.2. Specified or recommended usage of substance/admixture

Improves the adhesion of mortars on non-porous substrates.

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

Aquatic Acute 1 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.

Precaution

P 273 Avoid release to the environment.

Prevention

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P 391 Collect spillage.

Disposal

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

2.3. Other Hazards

None.

3 Information on Composition / Contents

3.1. Materials

Not relevant information.

3.2. Mixtures

Material	CAS No	Concentration(%)	H statements
Aqueous Ammonia	1336-21-6	0,01-0,1	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation.(C≥%5) H400 Very toxic to aquatic life
Ethylene Glycol	107-21-1	1-5	H302 Harmful if swallowed.
Calcium Carbonate	1317-65-3	15-20	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	15-20	This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations.
Water	7732-18-5	15-20	This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations.

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Silica	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.
Blue Pigment	-	0-0,02	This material has not been classified as dangerous according to Directive 67/548 / EEC, 1272/2008 / EC and local regulations.

4 First Aid Measures

4.1. Identification of First Aid Measures:

General information: If having suspicion or had been showed disease symptoms, see the doctor. Don't give anything to unconscious person.

After skin contact: Wash immediately with soap and rinse with water. In case of skin irritation continues, see a doctor.

After eye contact: Rinse for at least 15 minutes while eyelids open. Don't use solvent or paint thinner.

If swallowing: Go to medical service if it swallows accidentally. Do not make the exposed person vomit.

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

No information available.

5 Fire Fighting Measures

5.1. Extinguishing media:

Suitable extinguishing media : Water, CO₂, DCP, Sand, Chemical Foam Extinguisher

Unsuitable extinguishing media : No data available.

5.2. Special hazards arising from the substance or mixture

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Decompose of product might be harmful for health. Suitable respiration devices might be necessary.

5.3. Advice for firefighters

Use respirator and protective clothes which is suitable on fire conditions.

Do not allow materials which use for firefighting on sewage or water resources.

6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing fume, vapor or gas of product.

Keep away the product from materials which could cause on fire. Ventilate the area.

6.2. Environmental precautions

Avoid mixing with drainage systems, soil or water.

6.3. Methods and materials for containment and cleaning

Collect the spillage with a suitable absorbent and dispose as hazardous waste.

6.4 References to other sections

Obey the rules on section 7 and 8.

7 Handling and Storage

7.1. Precautions for safe handling

Avoid contacting with skin, eyes and clothes.

Do not breathe the vapor.

7.2. Conditions for safe storage, including any incompatibilities

Do not storage with incompatible materials. Keep the containers away from materials which cause fire. Analyze the information given on the label carefully, must be stored in a cool, well ventilated, without sunlight place.

Must be kept on original package or container which has original package specialty

Opened packages should close carefully and tightly and must be replacing to prevent spillage.

7.3. Specific final uses: Not specified.

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8 Exposure controls / personal protection

8.1. Control parameters

8.1.1. Occupational Exposure Limits

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

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Get attention to ensure adequate ventilation.

8.2.2. Personal Protective Equipment

Protective Equipments: Mask and resistant to chemical glasses.

Ventilation: Get attention to ensure adequate ventilation.

Protect the respiratory system: Use suitable protector during applications. Airfed masks could be used.

Protection of hands: If contact with material takes long time, use nitrile and neoprene gloves. Use protector cream before contacting with material.

Eye protection: Use goggles resistant to chemicals in spite of splashing liquid product.

Protection of Skin and Body: Should wear antiseptic gloves which are made from natural fiber or resistant to high heat synthetic fiber.

In the event of contacting, body must be washed.



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9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Blue
Odor:	Light,characteristic.
Boiling Point:	N/A
Melting or Freezing Point:	N/A
Relative Density	1,1-1,6 g/cm ³
pH:	Approx.8,5
Viscosity	N/A
Solubility on water:	Not soluble, but disperse
Lipid solubility:	Non soluble.
Evaporation Rate:	N/A
Lower limit of Inflammation:	N/A
Upper limit of Inflammation:	N/A
Lower limit of Explosion	N/A
Upper limit of Explosion	N/A
Vapor Pressure:	N/A
Density Of Vapors:	N/A
Flash point	N/A

10 Stability and Reaction

10.1. Reactivity: No appropriate data.

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

10.3. Possibility of hazardous reactions: It is corrosive in case of contact with metals.

10.4. Conditions to avoid: Heat and moisture.

10.5 Incompatible materials: Strong oxidizers, acids, bases.

10.6. Hazardous decomposition products: After oxidation,it causes to release toxic materials which are like carbonmonoxide,carbondioxide.

11 Toxicological Information

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

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Important LD50/LC50 Values for Classifying
25067-01-0 Acrylic Polymer
Oral LD50 = 5000 mg/kg (rat)
107-21-1 Ethylene Glycol
Oral LD50 = 4700 mg/kg (rat)
1336-21-6 Aqueous Ammonia
Oral LD50= 350 mg/kg (rat)
1317-65-3-Calcium Carbonate
LD50 oral , rat \geq 5000 mg / kg

Eye irritation

It causes severe eye irritation.

Skin Irritation

It causes severe skin irritation.

Acute Toxicity

It is harmful in spite of swallow.

12 Ecological Information

- | | |
|---|---------------------------------|
| 12.1. Toxicity | No appropriate data. |
| 12.2. Persistence and degradability | No appropriate data. |
| 12.3. Bioaccumulative potential | No appropriate data. |
| 12.4. Mobility in soil | No appropriate data. |
| 12.5. Results of PBT and assessments | It isn't listed as PBT or vPvB. |
| 12.6. Other adverse effects | No appropriate data. |

13 Disposal Information

13.1. Waste treatment methods: Wastes should be disposed of in accordance with national legislation. Don't drain away to surface water and tap water. If it's approved, recycle the wastewater or drain away to wastewater treatment facility after neutralization.
This product's waste classified as hazardous waste.(EWC,ANNEX III)

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Recommended waste code for disposal : 16 03 03

14 Transportation Information

14.1 UN number:Not classified.

14.2 Suitable UN transportation name: Not applicable.

14.3 Transportation hazardous classification(s) :Not applicable.

14.4 Group of packaging: Not applicable.

14.5 Environmental damages: Not applicable.

14.6 Special precautions for users : Not applicable.

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

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. Relevant Harmfulness and Precautionary Statements

H 400 Very toxic to aquatic life.

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16.3. 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/m³	The amount in milligrams of the substance found in 1 m ³ of air at 20 ° C and 101.3 KPa. (760 mm mercury pressure).
NIOSH	National Institute for Occupational Health and Safety
NTP	National Toxicology Program (USA)
OSHA	Occupational Safety and Health Administration (USA)
PEL	Permissible Exposure Limit
ppm	Amount in milliliters of 1 m ³ of airborne material (ml / m ³)
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