

MATERIAL SAFETY DATA SHEET

According to applicable EC directive

Product Name : BAYCOSEAL-IC-2K

Print Date : 24.02.2010
Version : 1

1- IDENTIFICATION OF SUBSTANCE AND COMPANY

Product Name : BAYCOSEAL-IC- 2K (A component)
Product Use : Cementitious Waterproof Coating

Manufacturer : AB-SCHOMBURG YAPI KİMYASALLARI A.Ş.
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2- COMPOSITION /INFORMATION ON INGREDIENTS

Chemical characterization

Description:

Product based on cement and mineral filler.

Dangerous components:

Component	Cas No	Concentration	Classification	Risk Phrases
PZ-Klinker	65997-15-1	25-50%	Xi	R 37/38-41
Silica Sand	14808-60-7	25-50%	-	
Calcium dihydroxide	1305-62-0	2.5-10%	Xi	R 38-41

3- HAZARDS IDENTIFICATION

Hazard designation:



Xi Irritant

Information pertaining to particular dangers for man and environment

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4- FIRST AID MEASURES

General information

Personal protection for the First Aider.

It is possible to choke in case of vomiting in unconsciousness. Bring unconscious persons into a stable position on side.

Keep the respiratory tract free (remove dentures and vomiting).

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Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration.

Take up a doctor immediately!

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact After contact, clean the skin mechanical and rinse with water and soap.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing

Drink copious amounts of water and provide fresh air. Instantly call for doctor. Show the pack or the label to the doctor.

5- FIRE FIGHTING MEASURES

Suitable extinguishing agents

Product is inflammable.

Use fire fighting measures that suit the environment.

Special hazards caused by the material, its products of combustion or flue gases:

The product formed corrosive water for fire-fighting.

Protective equipment: Wear self-contained breathing apparatus.

Additional information : Follow the emergency-plan.

6- ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

Avoid causing dust.

Avoid eye- and skin contact. Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or water bodies.

Measures for cleaning/collecting:

Do not flush with water or aqueous cleansing agents

Ensure adequate ventilation.

Additional information:

See Section 8 for information on personal protection equipment. See

Section 13 for information on disposal.

See Section 7 for information on safe handling

7- HANDLING AND STORAGE

Handling

Information for safe handling:

Keep away from children.

Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust.

Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers: Protect against wetness and water.

Information about storage in one common storage facility:

Please follow the rules of the VCI-Storage-Concept for chemicals.

Further information about storage conditions:

Keep container tightly sealed. Store under dry conditions.

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8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems:

It must be possible to wash the skin in the working area. Eye-wash bottle must be available.

Components with critical values that require monitoring at the workplace:

PZ-Klinker (25-50%)

OES Long-term value: 10* 4** mg/m³

*total inhalable dust **respirable dust

1305-62-0 calcium dihydroxide (2.5-10%)

OES Long-term value: 5 mg/m³

ILV

Additional information: The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food. Do not eat, drink or smoke while working.

Be sure to clean skin thoroughly after work and before breaks.

Avoid contact with eyes and skin. Change clothes which heavily contaminate with the product. Use skin protection cream for preventive skin protection.

Breathing equipment:

Respiratory protection at exceeding of limits, for example at full cover mask: combination filter B1-P2 (grey/white)

Protection of hands: Nitril-rubber-latex-cotton gloves.

Material of gloves

Nitril-rubber-latex-cotton gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed safety glasses.

Body protection: Protective work clothing.

9- PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form : Powder
Colour : Grey
Smell : Characteristic
Melting point : Not determined
Boiling point : Not determined
Self-inflammability : Product is not selfigniting.

Solubility in/Miscibility with : Miscible with water
Density : Not determined
Settled apparent density : 1,5 kg/ dm³
Flash point : Not applicable
Danger of explosion : Product is not explosive.

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10- STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known

Dangerous products of composition: No dangerous decomposition products known

11- TOXICOLOGICAL INFORMATION

Acute toxicity:

1305-62-0 calcium dihydroxide

Oral LD50 7340 mg/kg (Ratte)

Primary irritant effect:

· **on the skin:** Irritant for skin and mucous membranes.

· **on the eye:** Irritant effect.

· **Sensitization:** No sensitizing effect known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC

Classification Guidelines for Preparations as issued in the latest version:

Irritant

12- ECOLOGICAL INFORMATION

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13- DISPOSAL INFORMATION

Product:

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue :

10 00 00 Inorganic wastes from thermal processes

10 12 00 wastes from manufacture of ceramic goods, bricks, tiles and constructions products

10 12 03 other particulates and dust

17 00 00 Construction and demolition waste (including road construction)

17 01 00 concrete, bricks, tiles, ceramics, and gypsum based materials

17 01 01 concrete

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Water, if necessary with cleaning agent.

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14- TRANSPORTATION INFORMATION

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by rail (RID) , of the International Maritime Dangerous Goods Code (IMDG) , and of International Air Transport Association (IATA) regulations.

15- REGULATORY INFORMATION

Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

Code letter and hazard designation of product:

Xi Irritant

Hazard-determining components of labelling:

PZ-Klinker

Risk phrases:

38 Irritating to skin.

41 Risk of serious damage to eyes.

Safety phrases:

2 Keep out of the reach of children.

23 Do not breathe fumes/aerosol.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37/39 Wear suitable gloves and eye/face protection.

51 Use only in well-ventilated areas.

National regulations

Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water. The classification based on german instructions.

16- OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases:

36 Irritating to eyes.

38 Irritating to skin.

41 Risk of serious damage to eyes.