

Safety Data Sheet prepared in accordance with the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures (Official Gazette dated 19.12.2014, No. 29204). Also prepared in accordance with Regulation (EC) No. 1272/2008.

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Powder mixture

Product name: ACC Fix 312 Pumice/Aerated Concrete Block Masonry Adhesive Mortar

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

Description/use: Single-component, polymer-modified, high-performance mortar for laying pumice and aerated concrete blocks.

1.3. Details of the supplier of the safety data sheet

Company name: MERKS Yapı Kim. San. Ve Tic. A.Ş.

Address: Polatlı Organize Sanayi Bölgesi, 202. Cadde, No:15, Polatlı/Ankara. Telephone: 0312 626 50 12. Fax: 0312 626 50 12. E-mail: info@merks.com.tr

1.4. Emergency telephone number

National Poison Information Centre (UZEM): 114

Emergency telephone number: +90 312 626 5012

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

According to Official Gazette No. 28848 (Official Gazette 11.12.2013 - 28848).

Hazard symbols: Xi

R-phrases: R36/38 . The full text of the risk (R) phrases and hazard statements is provided in Section 16 of this Safety Data Sheet.

2.2. Label elements

Pictogram:

Signal word: Irritant

Hazard statements: R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

Safety phrases: S2 Keep out of the reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear protective gloves and protective goggles/face protection.

Hazard-determining components: Portland cement

SECTION 3. Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Chemical nature: Cement-based powder with special constituents.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove any contact lenses. Immediately rinse with plenty of water for at least 30/60 minutes, holding the eyelids wide open. Seek medical advice immediately.

SKIN: Remove contaminated clothing. Take a shower immediately. Seek medical advice immediately.

INGESTION: Give as much water as possible to drink. Seek medical advice immediately. Do not induce vomiting unless expressly authorised by a doctor.

INHALATION: Call a doctor immediately. Move the exposed person away from the accident site to fresh air. If breathing stops, administer artificial respiration. Take appropriate precautions for the person giving assistance.

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

No specific information is available on symptoms and effects caused by the product.

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

No information available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, powder and water spray. Unsuitable extinguishing media: None specifically indicated.

5.2. Special hazards arising from the substance or mixture

Avoid breathing combustion products. The product is combustible, and dust may form explosive mixtures with air when dispersed at sufficient concentrations in the presence of an ignition source.

A fire may start or may be further fuelled by solid material that has escaped from its container when it reaches high temperatures or comes into contact with ignition sources.

5.3. Special advice for firefighters

Special protective equipment: Use self-contained breathing apparatus. Always wear complete firefighting protective equipment.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent the spread of the leak if it can be done safely. Wear suitable protective equipment to prevent contamination of skin, eyes and personal clothing. This information applies to both workers and emergency responders.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water or groundwater.

6.3. Methods and material for containment and cleaning up

Collect the spilled/leaked product in a suitable container. If the product is flammable, use explosion-proof equipment. Absorb the remainder with inert absorbent material. Ensure adequate ventilation of the spill area. Contaminated material must be disposed of in accordance with the provisions in Section 13.

6.4. Reference to other sections

Information on exposure controls/personal protection and disposal considerations can be found in Sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling.

Handle the product only after reading all other sections of this Safety Data Sheet.

Prevent release of the product into the environment. Do not eat, drink or smoke during use.

Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep containers closed in well-ventilated places, protected from direct sunlight.

7.3. Specific end use(s).

The recommendations for the identified user(s) listed in Section 1 can be found in Section 7.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

During risk assessment, it is strongly recommended that the occupational exposure limit values specified by ACGIH for inert dust not otherwise classified be taken into account (PNOC respirable fraction: 3 mg/m³; PNOC inhalable fraction: 10 mg/m³). If these limits are exceeded, use a type P filter with class (1, 2 or 3) selected according to the results of the risk assessment.

8.2. Exposure controls

Hand protection: If prolonged contact with the product is expected, protect the hands with work gloves resistant to penetration (refer to EN 374).

The material of the work gloves must be selected according to the process of use and the products that may be formed.

Skin protection: Wear long-sleeved Category II work clothing for professional use and safety footwear (refer to Directive 89/686/EEC and EN ISO 20344). Wash with soap and water after removing protective clothing.

Eye protection: Wear a hooded face shield or a protective face shield together with tightly fitting goggles (refer to EN 166).

Respiratory protection: Use a face mask fitted with a type P filter, with its class (1, 2 or 3) and actual necessity determined according to the results of the risk assessment (refer to EN 149).

Environmental exposure controls: Emissions from production processes, including emissions from ventilation equipment, must be checked for compliance with environmental protection requirements.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Chemical nature: Special chemically reinforced mortar

Colour: Grey powder

Powder bulk density: 1.6 kg/l (loose bulk density)

Fresh bulk density: 1.75 kg/l

Adjustment time: 15 minutes

Pot life: 2.5-3 hours

Average compressive strength: ≥ 2.5 N/mm²

9.2. Other information

Where necessary, information on physical and chemical parameters is provided in this section.

SECTION 10. Stability and reactivity

10.1. Reactivity

No hazardous reactions occur when the product is stored and used as specified/described.

10.2. Chemical stability

The product is stable when used and stored as intended/specified.

10.3. Hazardous reactions

Dust mixed with air is potentially explosive.

10.4. Conditions to avoid

Avoid the accumulation of dust in the surroundings.

10.5. Hazardous decomposition products

No information available.

SECTION 11. Toxicological information

In the absence of experimental toxicological data for the product, potential health hazards have been assessed on the basis of the properties of the contained substances, in accordance with the criteria specified by the regulations used as the reference for classification. Therefore, to assess toxicological effects resulting from exposure to the product, consider the concentrations of the individual substances listed in Section 3, where applicable.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

No information available.

Information on likely routes of exposure

No information available. Delayed, immediate and chronic effects from short-term and long-term exposure: No information available. Interactive effects: No information available. Acute toxicity:

LC50 (inhalation), mixture content: Not classified (no significant constituent).

LD50 (oral), mixture content: Not classified (no significant constituent).

LD50 (dermal), mixture content: Not classified (no significant constituent). Portland cement: LD50 (oral) > 2000 mg/kg, rat; LD50 (dermal) > 2000 mg/kg, rabbit.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Sensitivity

Causes skin sensitisation.

Mutagenicity: The classification criteria for this hazard category are not met. Carcinogenicity: The classification criteria for this hazard category are not met. Reproductive toxicity: The classification criteria for this hazard category are not met. Specific target organ toxicity - single exposure: May cause respiratory irritation. Specific target organ toxicity - repeated exposure: The classification criteria for this hazard category are not met. Aspiration hazard: The classification criteria for this hazard category are not met.

SECTION 12. Ecological information

Follow good working practices and prevent release of the product into the environment. Notify the competent authorities if the product reaches watercourses or contaminates soil and/or vegetation.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

According to the information currently available, the product does not contain PBT or vPvB substances at concentrations above 0.1%.

12.6. Other adverse effects

No information available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse if possible. Product residues must be considered hazardous special waste. The hazardous nature of waste partly containing this product must be assessed in accordance with the applicable legislation.

Disposal must be carried out by handing the material over to an authorised waste management company in accordance with national and any applicable local legislation.

Contaminated packaging must be sent for recovery or disposal in accordance with national waste management legislation.

SECTION 14. Transport information

The product is not considered dangerous under the applicable provisions governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (IATA).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not relevant.

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the product and mixtures

Seveso category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances under Annex XVII to Regulation (EC) No. 1907/2006:

None.

Substances on the Candidate List (REACH Article 59):

According to the information currently available, the product does not contain SVHC substances at concentrations above 0.1%.

Substances subject to authorisation (REACH Annex XIV): None

Substances subject to export notification under Regulation (EC) No. 649/2012:

None.

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Health surveillance: Provided that the available risk assessment data demonstrate that risks to workers' health and safety are low and that

Directive 98/24/EC is complied with, workers exposed to this chemical substance do not need to undergo health surveillance.

15.2. Chemical safety assessment

No chemical safety assessment has been prepared for the mixture or the substances it contains.

SECTION 16. Other information

Explanations of the hazard classes and hazard statements referred to in Sections 2 or 3:

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

S2 Keep out of the reach of children.

S26 In case of contact with eyes, rinse with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

36/37/39 Wear suitable protective gloves and eye/face protection.

Eye Dam. 1 Serious eye damage, Hazard Category 1

Skin Irrit. Skin irritation, Hazard Category. STOT SE 3 Specific target organ toxicity, single exposure, Hazard Category 3.

Skin Sens. 1 Skin sensitisation, Hazard Category 1. H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H317 May cause an allergic skin reaction.

The information in this Safety Data Sheet is based on our current knowledge and experience and describes the product in terms of safety requirements. The Safety Data Sheet is neither a certificate of analysis nor a technical data sheet and must not be confused with a technical specification. The information does not describe product properties (product specification). No agreed property or suitability of the product for a specific

purpose may be inferred from the information in this Safety Data Sheet. It is the responsibility of the recipient of the product to ensure that all proprietary rights are respected and applicable laws and regulations are observed.