Prepared in accordance with the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures (Official Gazette 13/12/2014, No. 29204).

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

1.1. Product identifier

Product code: 500.504.30.UV

Trade name: Sealmax CB 504 UV Super Elastic Component A

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

Description/use: Cement-based, two-component, UV-resistant, super-elastic waterproofing material containing liquid polymer and special additives.

1.3. Details of the supplier of the safety data sheet

Company: Merks Yapı Kimyasalları San. ve Tic. A.Ş.

Polatlı Organize San Bölgesi 202. Cad. No:15 06900

Polatlı/ANKARA

T + 90 312 626 50 12

F + 90 312 626 50 12

E-mail: info@merks.com.tr

www.merks.com.tr

1.4. Emergency telephone number

Emergency advice: Emergency First Aid Centre: 112

National Poison Information Centre: 114

International emergency number: Telephone: +49 180 2273-112

Fax number: +90 262 648-9299

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Hazard symbols: Xi

R-phrases: R37/38

R41

R43 . The full texts of the risk (R) phrases and hazard statements are given in Section 16 of this Safety Data Sheet.

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2.2. Label elements

Pictogram: Xi

Signal word: Irritant

Hazard statements: R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact.

Safety phrases: S22 Do not breathe dust. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Hazard-determining components: Portland cement

2.3. Other hazards

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

SECTION 3. Composition/information on ingredients

3.1. Substances

Not relevant.

3.2. Mixtures

Contains: Identification | X = concentration % | Classification (under SEA Regulation 11.12.2013, No. 28848).

Portland cement | CAS: 65997-15-1 | 30 ≤ x < 50.

Limestone | CAS: 1317-65-3 | 5 ≤ x < 20.

Classification: Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Dam. 1, H318; STOT SE 3, H335.

The full text of the hazard statements is given in Section 16.

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: Immediately remove clothing that has come into contact with the substance and dispose of it safely. Immediately wash with plenty of water and, if necessary, soap any parts of the body that may have come into contact with the product, even if contact is only suspected. Wash the entire body (shower or bath). Consult a doctor immediately.

INGESTION: Clean the mouth thoroughly and drink plenty of water. If unwell, consult a doctor immediately and show this safety data sheet.

INHALATION: If inhaled, seek medical advice immediately and show the packaging or label.

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

If inhaled, the product causes inflammation of the respiratory tract; skin contact causes significant redness, rash, scaling and oedema.

In case of eye contact, the product causes serious eye damage such as corneal opacity and iris lesions.

The product may cause skin sensitisation on contact with skin.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the instructions for use or safety card where possible).

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO_2).

Unsuitable extinguishing media: None specifically indicated.

5.2. Special hazards arising from the substance or mixture

The product does not present a fire risk.

5.3. Advice for firefighters

Special protective equipment: Use suitable respiratory protective equipment. Collect contaminated firefighting water separately. Do not discharge it into the municipal sewer. If safe to do so, remove undamaged containers from the danger area.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Use respiratory protective equipment if exposed to vapour/dust/aerosol. Ensure adequate ventilation. Use suitable respiratory protective equipment.

6.2. Environmental precautions

Prevent seepage into soil/subsoil. Prevent entry into surface water or municipal sewers.

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6.3. Methods and material for containment and cleaning up

Promptly cover the product again. Wear a mask and protective clothing while doing so. Prevent further spread and collect mechanically, avoiding excessive dust formation. After collecting the product, gently wash contamination from the surrounding area and materials with water.

6.4. Reference to other sections

Information on personal protection and disposal, where applicable, is provided 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).

No information available.

SECTION 8. Exposure controls/personal protection

8.1. Personal protective equipment

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

8.2. Exposure controls

HAND PROTECTION:

If prolonged contact with the product is expected, protect hands with penetration-resistant work gloves (EN 374). Select the glove material according to the process of use and the products that may form. SKIN PROTECTION: Wear long-sleeved work clothing and safety footwear for professional use, Category II (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: A filtering half mask with a type P filter is recommended; the class (1, 2 or 3) and actual need must be determined from the risk assessment (EN 149). ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from production processes, including those from ventilation equipment, must be checked for compliance with environmental protection regulations.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Not available.

Colour: Not available.

Odour: Not available.

Odour threshold: Not available.

pH: Not available.

Melting/freezing point: Not available.

Initial boiling point: Not applicable.

Boiling range: Not available.

Flash point: Not applicable.

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Lower flammability limit: Not available.

Upper flammability limit: Not available.

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Vapour pressure: Not available.

Vapour density: Not available.

Relative density: Not available.

Solubility: Not available.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Fluidity: Not available.

Explosive properties: Not available.

Flammability: Not available.

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

There is no specific risk of reactions with other substances under normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are expected under normal conditions of use and storage.

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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 and immediate effects and chronic effects from short- and long-term exposure: No information available.

Interactive effects: No information available.

ACUTE TOXICITY: LC50 (inhalation) of the mixture: Not classified (no significant component). LD50 (oral) of the mixture: Not classified (no significant component). LD50 (dermal) of the mixture: Not classified (no significant component).

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.

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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 to prevent release into the environment. Notify the competent authorities if the product reaches watercourses or contaminates soil 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.

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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 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 73/78 and the IBC Code

Not relevant.

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SECTION 15. Regulatory information

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

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: Workers exposed to this chemical need not undergo health checks, provided the available risk assessment data demonstrate that the risks to worker health and safety are low and that Directive 98/24/EC is complied with.

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:

• R37/38 Irritating to respiratory system and skin.

• R41 Risk of serious damage to eyes.

• R43 May cause sensitisation by skin contact.

• S22 Do not breathe dust.

• S24/25 Avoid contact with skin and eyes.

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

• S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

• 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 best knowledge and experience available at the date of preparation and must not be regarded as a guarantee of completeness or accuracy. The information is intended solely as guidance for safe handling, use, processing, storage, transport, disposal and release, and must not be considered a guarantee or quality specification. It applies only to the specified substance/mixture and may not be valid when it is mixed with other substances or used in another process.