



LENGHEIM

Consulting & Entwicklung GmbH

Safety data sheet

1. Substance/preparation description and company name

Preparation description: KaWaTech
Product details: film-forming, strippable protective coating
Use: building protection
podium
protection
protective
coating

2. Possible hazards linked to the preparation

The product is not a hazardous preparation within the meaning of the EU Directives.

3. Composition/information regarding components

Chemical characterisation:
Aqueous dispersion of a vinyl acetate ethylene copolymer including additives (thickeners, anti-flow agents, defoamers, deaerators, stabilisers, preservatives, film-formers, pigments)

Hazardous ingredients: none

4. First aid measures

Remove contaminated, saturated clothing and dispose of safely.
After inhaling atomised spray: ensure the affected person gets fresh air. If symptoms persist, consult a doctor.
Upon contact with skin, wash area thoroughly with soap and water.
If swallowed, consult a doctor. Remember to show the packaging or label. Drink plenty of water.
Upon contact with eyes, rinse immediately with plenty of water (15 minutes) and consult a doctor.

5. Fire safety measures

Suitable extinguishers: foam, powder, CO₂, atomised water.

Special exposure risks

Under conditions that may lead to incomplete combustion, CO (carbon monoxide) fumes may be produced.



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Combustion gases from organic material are in principle to be classified as respiratory poisons.

The product itself is an aqueous dispersion. As such, it does not present any direct risk of fire or explosion.

6. Measures in the event of unintended release

Contaminated surfaces are extremely slippery.
Avoid contact with skin and eyes.

Environmental protection measures:
Do not allow the product to flow into ground water.
Do not flush into surface water or drains.

Decontamination:
Mix product with binding agents (sand, sawdust, oil and chemical binders, etc.) and transfer to a sealed container. Immediately clean any tools (shovels, brushes) with water. Dispose of the product in accordance with the regulations laid down by the authorities.

7. Use and storage

Use:
If used properly, no special measures are required. The usual precautionary measures when using paints and lacquers should be observed. Do not eat, drink or smoke when working with the product. Wash hands after use. When applying the product in the form of a spray or a jet, do not breathe in gases and vapours. Wear a face mask if using in non-ventilated areas.

Storage: Store in a dry and frost-free location.

Do not expose to direct sunlight.
Ensure a storage temperature of between 5 and 35°C.

8. Exposure limitation and personal protective equipment

Exposure limit values: not applicable.

Personal protective equipment:
Observe general protective and hygienic measures, and do not eat and drink while working with the product.

Wear a face mask when applying using spray or jet devices.



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It is advisable to wear protective goggles and gloves while working.
Suitable glove material: nitrile rubber.

9. Physical and chemical characteristics

Form: viscous liquid
Colour: white
Odour: odourless
pH value: neutral

10. Stability and reactivity

Hazardous reactions: none known
Substances to be avoided: materials which react with water
Conditions to be avoided: frost
Hazardous decomposition products: none if stored and used appropriately

11. Toxicology information

Acute toxicity: non-toxic Skin:
not irritating*
Eyes: not irritating*

* This information refers to the initial product in the form of the aqueous dispersion of the vinyl acetate ethylene copolymer.

12. Environmental information

Biodegradability: >80% (Zahn-Wellens test)*
Bacteria toxicity: EC0 ~1000 mg/l (OECD 209)*
Chemical oxygen demand: 1000 mg/l (calculation method)*
Toxicity to fish (zebrafish): LC50 >500 mg/l, 96h (OECD 203)*

* Environmental data refers to the copolymer dispersion.

13. Disposal instructions

Dispose of large quantities in the same manner as residual lacquers and paints in accordance with the regulations laid down by the authorities.
Leave any left-over quantities to air-dry in containers. If possible, remove the dry film and dispose of as general waste.
Once fully emptied, the packaging can be sent for recycling or reuse.



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14. Transportation information

Not a hazardous material

15. Specifications

Water hazard class (WGK): 1
WGK registration number: 662
WGK source: classification in accordance with the Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes (VwVwS), Annex 1 or 2

Designation according to EU Directives: not subject to designation

16. Other information

This information is based on the current state of knowledge, and describes the product solely with regard to the safety requirements.

Training advice

Ensure that all employees using the product have been made sufficiently aware of the risks it presents. Use this safety data sheet as a source of guidance for employees. Make this safety data sheet available to all persons working or dealing with the product.