

Description of material or container

MB-PVP can be stored in tightly sealed containers for up to 6 months at a storage temperatures of +5 °C - +30 °C. All information below pertains to the pure, undiluted product. At the prescribed doses (0.5 % - 8 % of cement weight), the product is chemically absorbed in the cement mortar, thus not dangerous or detectable.

Hazards identification

Irritates the eyes, risk of serious eye damage, may irritate the airways, may cause skin irritation.

First aid

- General notices: take off contaminated clothing;
- If inhaled: rest, move to fresh air and get medical advice/attention;
- If on skin: wash with plenty of soap and water;
- If in eyes: rinse cautiously with lukewarm running water for at least 15 minutes, holding the eyes open and get medical advice/attention;
- If swallowed: immediately rinse mouth and drink plenty of water, get medical advice/attention.

Fire-fighting measures for contaminated parts

- Recommended extinguishing media: water spray, dry chemicals, foam or carbon dioxide;
- Fire may release: carbon monoxide;
- Special fire fighting procedures use self contained breathing apparatus;
- Disposal of fire-fighting waters: collect contaminated fire-fighting water separately, prevent fire-fighting waters from entering sewer.

Measures for accidental release

- Personal precautions: ensure sufficient ventilation, wear protective equipment, keep unprotected persons away, avoid contact with the skin and eyes, use breathing apparatus if exposed to vapours/dust/aerosol, slipping hazard due to leaked/spilled product;
- Environmental measures: prevent from entering sewer/surface water/groundwater, notify competent authorities if product enters waterways or sewers, strike down gases/vapours/mist with water spray;
- Cleaning/absorption measures: ensure sufficient ventilation, absorb with liquid-binding material (sand, diatomite, universal binding agent), recycle or dispose in suitable containers, dispose of absorbed material properly.

Handling and storage

- Handling: ensure the work area is well ventilated, avoid contact with the skin and eyes, the material is not flammable;
- Storage: keep container tightly sealed, protect from frost, observe water-management legislation.

Limiting and monitoring exposure, personal protective equipment

- Components with critical values that require monitoring at the workplace: no relevant amounts of substances that require monitoring at the workplace;
- Additional information: written based on current relevant lists, limits and monitoring of exposure;

- Personal protective equipment: observe the typical precautions for handling chemicals;
- Respiratory protection: not required;
- Hand protection: only use chemical-protective gloves with category III CE mark, glove material nitrile rubber, neoprene, PVC or PE, contact the manufacturer of the protective glove for the exact breakthrough time and observe;
- Eye protection: safety goggles recommended during transfer;
- Personal protection: protective clothing.

Physical and chemical properties

- Appearance: liquid, milky white;
- Odour: mild, pH value: 9 - 10 at 20 °C;
- Change of state: melting point/melting range: -3 °C;
- Boiling point/boiling range: 100 °C;
- Flash point: not applicable;
- Autoignition: not autoignitable;
- Explosion hazard: not explosive;
- Solubility in/miscibility with water: miscible.

Stability and reactivity

- Possibility of hazardous reactions: exothermic reaction with acids, reaction with base metals;
- Conditions to avoid: do not overheat to avoid thermal decomposition;
- Incompatible materials: strong acids, base metals, sal ammoniac;
- Hazardous decomposition products: carbon monoxide.

Toxicological information

- Primary irritation effect: irritates the skin, severe irritation with risk of serious eye damage;
- Sensitisation: contains a sensitising substance, may cause allergic reactions;
- Additional toxicological information: based on the calculation method of the EU General Classification Guideline for Preparations in the most recent version, the product presents the following hazards: Irritating on pure contact.

Environmental information

- Biodegradability: easily biodegradable

Disposal

- Dispose in accordance with local regulatory requirements, must not enter groundwater.

Transport

- UN number ADR, ADN, IMDG, IATA not applicable;
- Proper UN shipping name ADR, ADN, IMDG, IATA not applicable;
- Transport hazard classes ADR, ADN, IMDG, IATA class not applicable;
- Packaging group ADR, IMDG, IATA not applicable;
- Transport/additional information: not a hazardous material according to the above regulations.

Description of material or container

MB-Typ E can be stored in tightly sealed containers for up to 6 months at a storage temperature of +5 °C - +30 °C. The following information applies to the pure, undiluted product. At the prescribed doses (0.3 % - 1 % of cement weight), the product is chemically absorbed in the cement mortar, thus not dangerous or detectable.

Hazards identification

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First aid

- General notices: take off contaminated clothing;
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- If swallowed: immediately rinse mouth and drink plenty of water, get medical advice/attention.

Fire-fighting measures for contaminated parts

- Recommended extinguishing media: water spray, dry chemicals, foam or carbon dioxide;
- Fire may release: carbon monoxide, formaldehyde, sulphur oxides, carbon dioxide, silicon dioxide, sodium oxide;
- Special fire fighting procedures use self contained breathing apparatus;
- Disposal of fire-fighting waters: collect contaminated fire-fighting water separately, prevent fire-fighting waters from entering sewer.

Measures for accidental release

- Personal precautions: ensure sufficient ventilation, wear protective equipment, keep unprotected persons away, avoid contact with the skin and eyes, slipping hazard due to slipping hazard due to leaked/spilled product;
- Environmental measures: prevent from entering sewer/surface water/groundwater, notify competent authorities if product enters waterways or sewers, strike down gases/vapours/mist with water spray;
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