

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** WBS 1K-Grundierfiller
- **Application of the substance / the preparation** Priming
- **Manufacturer/Supplier:**  
MIPA AG  
Am Oberen Moos 1  
D-84051 Essenbach  
Tel.: +49(0)8703-922-0  
Fax.: +49(0)8703-922-100  
e-mail: [sdb-registratur@mipa-paints.com](mailto:sdb-registratur@mipa-paints.com)  
[www.mipa-paints.com](http://www.mipa-paints.com)
- **Further information obtainable from:** Laboratory
- **Information in case of emergency:** +49(0)700 24112112 (MIP)



## 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 7779-90-0 EINECS: 231-944-3	Preparation based on zincphosphate (supplier's classification)  N; R 51/53	2.5-10%
CAS: 1314-13-2 EINECS: 215-222-5	zinc oxide  N; R 50/53	<1.0%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

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## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** Use only in well ventilated areas.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **Storage class:** 12

## 8 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:** Goggles recommended during refilling

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification

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<b>Odour:</b>	Characteristic
<b>· Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100°C
<b>· Flash point:</b>	Not applicable.
<b>· Self-igniting:</b>	Product is not selfigniting.
<b>· Danger of explosion:</b>	Product does not present an explosion hazard.
<b>· Vapour pressure at 20°C:</b>	23 hPa
<b>· Density at 20°C:</b>	1.277 g/cm <sup>3</sup> (DIN 53217)
<b>· Solubility in / Miscibility with water:</b>	Fully miscible.
<b>· pH-value at 20°C:</b>	9.5
<b>· Viscosity:</b>	
<b>Kinematic at 20°C:</b>	43 s (DIN 53211/4)
<b>· Solvent content:</b>	
<b>Organic solvents:</b>	0.2 %
<b>Water:</b>	43.3 %
<b>VOC (EC)</b>	1.3 g/l
<b>· Solids content (weight-%):</b>	56.5 %

### \* 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** Carbon monoxide

### \* 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

### \* 12 Ecological information

- **Ecotoxicological effects:**

- **Acquatic toxicity:**

7779-90-0 Preparation based on zincphosphate (supplier's classification)

EC50 | 63.1 mg/kg (daphnia)

- **Remark:** Harmful to fish

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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**13 Disposal considerations**

- **Product:**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· <b>European waste catalogue</b>	
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**14 Transport information**

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Risk phrases:**  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **National regulations:**

· <b>Information about limitation of use:</b>		
14807-96-6	Talk	3B
13463-67-7	titanium dioxide	3A
1344-28-1	aluminium oxide	2
1116-54-7	2,2'-(nitrosoimino)bisethanol	2

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Class	Share in %
NK	<1,0

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**  
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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- **Department issuing MSDS: MIPA AG, Abteilung Umweltschutz**
- **Contact: Michaela Knall**
- **\* Data compared to the previous version altered.**

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