

## 1 Identification of substance

- **Product details**
- **Trade name:** WBS 1K-Grundierfiller
- **Application of the substance / the preparation** Primer
- **Manufacturer/Supplier:**  
 MIPA AG  
 Am Oberen Moos 1  
 D-84051 Essenbach  
 Tel.: 0049(0) 8703-922-0  
 Fax.: 0049(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)
- **Information department:** Laboratory
- **Emergency information:** 011 49(0)700 24112112 (MIP)

## 2 Composition/Data on components

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

- **Dangerous components:**

7779-90-0	Preparation based on zincphosphate (supplier's classification)	2.5-10%
1314-13-2	zinc oxide	<1.0%

## 3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**  
 The product has to be labelled due to the calculation procedure of international guidelines.  
 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system:**  
 The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

## 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.

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### 5 Fire fighting measures

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

### 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 protection against explosions and fires:** 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 and personal protection

- **Components 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 that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** 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.

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· **Eye protection:** Goggles recommended during refilling.

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 100°C (212°F)

· **Flash point:** Not applicable.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapor pressure at 20°C (68°F):** 23 hPa (17 mm Hg)

· **Density at 20°C (68°F):** 1.277 g/cm<sup>3</sup> (DIN 53217)

### · Solubility in / Miscibility with

**Water:** Fully miscible.

· **pH-value at 20°C (68°F):** 9.5

### · Viscosity:

**Kinematic at 20°C (68°F):** 43 s (DIN 53211/4)

### · Solvent content:

<b>Organic solvents:</b>	0.2 %
<b>Water:</b>	43.3 %
<b>VOC content:</b>	1.3 g/l / 0.01 lb/gal

· **Solids content (weight-%):** 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 products of decomposition:** 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.

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## 12 Ecological information

- **Ecotoxicological effects:**

- **Aquatic 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 (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.

Harmful to aquatic organisms

## 13 Disposal considerations

- **Product:**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **DOT regulations:**

· **Hazard class:** -

- **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 Regulations

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

1344-28-1 aluminium oxide

1336-21-6 ammonia 20 %

872-50-4 N-methyl-2-pyrrolidone

7632-00-0 sodium nitrite

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

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· **Proposition 65**· **Chemicals known to cause cancer:**

1116-54-7 | 2,2'-(nitrosoimino)bisethanol

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

872-50-4 | N-methyl-2-pyrrolidone

· **Carcinogenicity categories**· **EPA (Environmental Protection Agency)**

1314-13-2	zinc oxide	II
1116-54-7	2,2'-(nitrosoimino)bisethanol	B2

· **IARC (International Agency for Research on Cancer)**

14807-96-6	Talk	3
13463-67-7	titanium dioxide	2B

· **NTP (National Toxicology Program)**

1116-54-7	2,2'-(nitrosoimino)bisethanol	R
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· **TLV (Threshold Limit Value established by ACGIH)**

14807-96-6	Talk	A4	2,5-10%
13463-67-7	titanium dioxide	A4	2,5-10%
1344-28-1	aluminium oxide	A4	<1,0%
1314-23-4	zirconium dioxide	A4	<1,0%

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7 | titanium dioxide

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Risk phrases:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **National regulations:**· **Information about limitation of use:**

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

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.

· **Department issuing MSDS:** MIPA AG, Abteilung Umweltschutz

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**Material Safety Data Sheet**  
acc. to ISO/DIS 11014

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**Trade name: WBS 1K-Grundierfiller**

- **Contact: Michaela Knall**
- **\* Data compared to the previous version altered.**

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