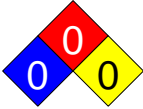





1 Identification

- **Product identifier**
- **Trade name:** WBS 1K-Grundierfiller
- **Application of the substance / the mixture** Filler
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MIPA SE
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
www.mipa-paints.com
- **Importer USA:**
Fleetwood Products Inc.
13 American Way Suite 15
USA - NJ 08884 Spotswood
Tel.: +1 7324169590
e.mail: fleet089@hotmail.com
- **Emergency telephone number:**
011 49(0)700 24112112 (MIP)
US Emergency Telephone Number (for transportation incidents only): 1-800-535-5053 (Infotrac)

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
 - **Label elements**
 - **GHS label elements** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **Classification system:**
 - **NFPA ratings (scale 0 - 4)**
- | | |
|---|----------------|
|  | Health = 0 |
| | Fire = 0 |
| | Reactivity = 0 |
- **HMIS-ratings (scale 0 - 4)**
- | | |
|---|----------------|
|  | Health = 0 |
|  | Fire = 0 |
|  | Reactivity = 0 |
- **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

3 Composition/information on ingredients

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

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· **Dangerous components:** Void

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

7727-43-7	barium sulphate, natural	15 mg/m ³
7779-90-0	trizinc bis(orthophosphate)	12 mg/m ³
1317-61-9	triiron tetraoxide	21 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
25265-77-4	isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	13 mg/m ³
7784-30-7	Aluminium orthophosphate	14 mg/m ³
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	30 mg/m ³
20344-49-4	iron hydroxide oxide	24 mg/m ³
67-68-5	dimethyl sulfoxide	150 ppm
1336-21-6	ammonia 20 %	61 ppm
107-21-1	ethanediol	30 ppm
1344-28-1	aluminium oxide	15 mg/m ³

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1314-13-2	zinc oxide	10 mg/m ³
532-32-1	sodium benzoate	61 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
1314-23-4	zirconium dioxide	14 mg/m ³
7632-00-0	sodium nitrite	6.4 mg/m ³
7447-41-8	lithium chloride	2.3 mg/m ³

· PAC-2:

7727-43-7	barium sulphate, natural	170 mg/m ³
7779-90-0	trizinc bis(orthophosphate)	36 mg/m ³
1317-61-9	triiron tetraoxide	230 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³
25265-77-4	isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	140 mg/m ³
7784-30-7	Aluminium orthophosphate	200 mg/m ³
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	330 mg/m ³
20344-49-4	iron hydroxide oxide	260 mg/m ³
67-68-5	dimethyl sulfoxide	290 ppm
1336-21-6	ammonia 20 %	330 ppm
107-21-1	ethanediol	150 ppm
1344-28-1	aluminium oxide	170 mg/m ³
1314-13-2	zinc oxide	15 mg/m ³
532-32-1	sodium benzoate	680 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
1314-23-4	zirconium dioxide	110 mg/m ³
7632-00-0	sodium nitrite	71 mg/m ³
7447-41-8	lithium chloride	25 mg/m ³

· PAC-3:

7727-43-7	barium sulphate, natural	990 mg/m ³
7779-90-0	trizinc bis(orthophosphate)	220 mg/m ³
1317-61-9	triiron tetraoxide	1,400 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³
25265-77-4	isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	840 mg/m ³
7784-30-7	Aluminium orthophosphate	1,200 mg/m ³
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	2,000 mg/m ³
20344-49-4	iron hydroxide oxide	1,600 mg/m ³
67-68-5	dimethyl sulfoxide	1,800 ppm
1336-21-6	ammonia 20 %	2,300 ppm
107-21-1	ethanediol	900 ppm
1344-28-1	aluminium oxide	990 mg/m ³
1314-13-2	zinc oxide	2,500 mg/m ³
532-32-1	sodium benzoate	810 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m ³
1314-23-4	zirconium dioxide	680 mg/m ³
7632-00-0	sodium nitrite	240 mg/m ³

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7447-41-8 | lithium chloride

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150 mg/m³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **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
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**
- **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.
- **Exposure controls**
- **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:**
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
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.
- **Breakthrough 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

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Color:** According to product specification
- **Odor:** Characteristic
- **Odor threshold:** Not determined.

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· pH-value at 20°C (68 °F):	9.5
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C (212 °F)
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20°C (68 °F):	23 hPa (17 mm Hg)
· Density at 20°C (68 °F):	1.266 g/cm ³ (10.565 lbs/gal) (DIN 53217)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20°C (68 °F):	43 s (DIN 53211/4)
· Solvent content:	
Water:	42.7 %
VOC content:	0.34 %
	less exempt solvents 9 g/l / 0.1 lb/gl
	with exempt solvents 9 g/l / 0.1 lb/gl
Solids content (weight-%):	51.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

7779-90-0 trizinc bis(orthophosphate)

Oral	LD50	>5,000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

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

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

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Toxic for fish

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

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Trade name: WBS 1K-Grundierfiller

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, ADR, IMDG, IATA 	<p>UN3082</p>
<ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR · IMDG · IATA 	<p>Environmentally hazardous substances, liquid, n.o.s. (trizinc bis(orthophosphate))</p> <p>UN3082 Environmentally hazardous substances, liquid, n.o.s. (trizinc bis(orthophosphate))</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trizinc bis(orthophosphate)), MARINE POLLUTANT</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trizinc bis(orthophosphate))</p>
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT, IMDG, IATA 	
<ul style="list-style-type: none"> · Class · Label 	<p>9 Miscellaneous dangerous substances and articles</p> <p>9</p>
<ul style="list-style-type: none"> · ADR 	
<ul style="list-style-type: none"> · Class · Label 	<p>9 (M6) Miscellaneous dangerous substances and articles</p> <p>9</p>
<ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA 	<p>III</p>
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	<p>Product contains environmentally hazardous substances: trizinc bis(orthophosphate)</p> <p>No</p> <p>Yes (DOT)</p> <p>Symbol (fish and tree)</p>
<ul style="list-style-type: none"> · Special marking (ADR): · Special marking (IATA): 	<p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p>
<ul style="list-style-type: none"> · Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Category 	<p>Warning: Miscellaneous dangerous substances and articles</p> <p>90</p> <p>F-A,S-F</p> <p>A</p>

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· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Remarks:	Special marking with the symbol (fish and tree).
· ADR	
· Remarks:	≤ 5l: SV 375 ADR
· IMDG	
· Limited quantities (LQ)	5L
· Remarks:	≤ 5l: 2.10.2.7 IMDG-Code
· IATA	
· Remarks:	≤ 5l: A 197
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (TRIZINC BIS(ORTHOPHOSPHATE)), 9, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

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

None of the ingredient is listed.

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

7727-43-7	barium sulphate, natural
7779-90-0	trizinc bis(orthophosphate)
1336-21-6	ammonia 20 %
107-21-1	ethanediol
1344-28-1	aluminium oxide
1314-13-2	zinc oxide
7632-00-0	sodium nitrite

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
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· **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:**

107-21-1	ethanediol
----------	------------

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
7779-90-0	trizinc bis(orthophosphate)	D, I, II
1314-13-2	zinc oxide	D, I, II

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· TLV (Threshold Limit Value established by ACGIH)			
14807-96-6	Talc	A4	2.5-10%
13463-67-7	titanium dioxide	A4	2.5-10%
107-21-1	ethanediol	A4	e"0.1-≤1%
1344-28-1	aluminium oxide	A4	e"0.1-≤1%
1314-23-4	zirconium dioxide	A4	0.1%

· NIOSH-Ca (National Institute for Occupational Safety and Health)			
13463-67-7	titanium dioxide		

- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

· National regulations:

Class	Share in %
NK	≥0.1-≤1

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

- Date of preparation / last revision 11/28/2017 / 47

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

- * Data compared to the previous version altered.