

1 Identification

- **Product identifier**
- **Trade name: Mipa WBC-Mischlack**
- **Application of the substance / the mixture** Paint
- **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

Fleetwood Products Inc.
13 American Way Suite 15
USA - NJ 08884 Spotswood
Tel.: +1 7324169590
e.mail: fleet089@hotmail.com

- **Emergency telephone number:**

International: 011 49(0)700 24112112 (MIP)

US: +1 872 5888271 (MIP)

US Emergency Telephone Number (for transportation incidents only): 1-800-535-5053 (Infotrac)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Toxic to Reproduction 2 H361 Suspected of damaging fertility or the unborn child. Route of exposure: Oral.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

4-hydroxy-4-methylpentan-2-one

- **Hazard statements**

H361 Suspected of damaging fertility or the unborn child. Route of exposure: Oral.

- **Precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

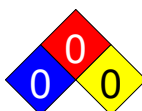
P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

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



Health = 0

Fire = 0

Reactivity = 0

Trade name: Mipa WBC-Mischlack

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

HEALTH	*0	Health = *0
FIRE	0	Fire = 0
REACTIVITY	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.

· **Dangerous components:**

111-76-2	2-butoxyethanol	2.5-<10%
123-42-2	4-hydroxy-4-methylpentan-2-one	≥0.1-<1%
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	≥0.1-<1%
108-01-0	2-dimethylaminoethanol	<1%

4 First-aid measures

- **Description of first aid measures**
- **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.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **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:**
Dilute with plenty of water.
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).
Dispose contaminated material as waste according to section 13.

(Contd. on page 3)

Trade name: Mipa WBC-Mischlack

(Contd. of page 2)

· Reference to other sections

No dangerous substances are released.

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:

13463-67-7	Titanium dioxide	30 mg/m ³
111-76-2	2-butoxyethanol	60 ppm
71-36-3	Butan-1-ol	60 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	150 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
21645-51-2	aluminium hydroxide	8.7 mg/m ³
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	30 mg/m ³
108-01-0	2-dimethylaminoethanol	3.7 ppm
1314-23-4	zirconium dioxide	14 mg/m ³
107-21-1	ethanediol	30 ppm
124-68-5	2-amino-2-methylpropanol	17 mg/m ³
80-62-6	methyl methacrylate	17 ppm
103-11-7	2-ethylhexyl acrylate	15 ppm
7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	4.1 mg/m ³
111-42-2	2,2'-iminodiethanol	3 mg/m ³

· PAC-2:

13463-67-7	Titanium dioxide	330 mg/m ³
111-76-2	2-butoxyethanol	120 ppm
71-36-3	Butan-1-ol	800 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	350 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
21645-51-2	aluminium hydroxide	73 mg/m ³
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	330 mg/m ³
108-01-0	2-dimethylaminoethanol	40 ppm
1314-23-4	zirconium dioxide	110 mg/m ³
107-21-1	ethanediol	150 ppm
124-68-5	2-amino-2-methylpropanol	190 mg/m ³
80-62-6	methyl methacrylate	120 ppm
103-11-7	2-ethylhexyl acrylate	120 ppm
7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	45 mg/m ³
111-42-2	2,2'-iminodiethanol	28 mg/m ³

· PAC-3:

13463-67-7	Titanium dioxide	2,000 mg/m ³
111-76-2	2-butoxyethanol	700 ppm
71-36-3	Butan-1-ol	8000** ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	2100* ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
21645-51-2	aluminium hydroxide	440 mg/m ³

(Contd. on page 4)

Trade name: Mipa WBC-Mischlack

		(Contd. of page 3)
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	2,000 mg/m ³
108-01-0	2-dimethylaminoethanol	72 ppm
1314-23-4	zirconium dioxide	680 mg/m ³
107-21-1	ethanediol	900 ppm
124-68-5	2-amino-2-methylpropanol	570 mg/m ³
80-62-6	methyl methacrylate	570 ppm
103-11-7	2-ethylhexyl acrylate	150 ppm
7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	270 mg/m ³
111-42-2	2,2'-iminodiethanol	130 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:**
Keep respiratory protective device available.
- **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:**
Protect from frost.
Keep receptacle tightly sealed.
- **Storage class:** 12
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

111-76-2 2-butoxyethanol

PEL	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3

123-42-2 4-hydroxy-4-methylpentan-2-one

PEL	Long-term value: 240 mg/m ³ , 50 ppm
REL	Long-term value: 240 mg/m ³ , 50 ppm
TLV	Long-term value: 50 ppm

(Contd. on page 5)

Trade name: Mipa WBC-Mischlack

(Contd. of page 4)

· Ingredients with biological limit values:

111-76-2 2-butoxyethanol

BEI	200 mg/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Butoxyacetic acid (BAA) (with hydrolysis)

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.

· 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.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· 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.

· pH-value at 20 °C (68 °F): 8

· 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.

(Contd. on page 6)

Trade name: Mipa WBC-Mischlack

(Contd. of page 5)

· Auto igniting:	240 °C (464 °F) (DIN 51794)
· Decomposition temperature:	Not determined.
· Ignition temperature:	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 (17.3 mm Hg)
· Density at 20 °C (68 °F):	1.072 g/cm ³ (8.946 lbs/gal) (DIN 53217)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C (68 °F):	38 s (DIN 53211/4)
· Solvent content:	
Water:	71.0 %
VOC content:	5.43 %
	243 g/l / 2.0 lb/gal
Solids content (weight-%):	23.6 %
· 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:** Carbon monoxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **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 shows the following dangers according to internally approved calculation methods for preparations:

(Contd. on page 7)

Trade name: Mipa WBC-Mischlack

(Contd. of page 6)

· **Carcinogenic categories**

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

13463-67-7	Titanium dioxide	2B
111-76-2	2-butoxyethanol	3

· **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.

· **Additional ecological information:**

· **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.

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **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

· **UN-Number**

· **DOT, ADR, ADN, IMDG, IATA** Void

· **UN proper shipping name**

· **DOT, ADR, ADN, IMDG, IATA** Void

· **Transport hazard class(es)**

· **DOT, ADR, ADN, IMDG, IATA**

· **Class** Void

(Contd. on page 8)

Trade name: Mipa WBC-Mischlack

(Contd. of page 7)

- **Packing group**
- **DOT, ADR, IMDG, IATA** Void
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** Void

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):**

111-76-2 | 2-butoxyethanol

- **Proposition 65**

- **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.

- **Carcinogeny categories**

- **EPA (Environmental Protection Agency)**

111-76-2 | 2-butoxyethanol

NL

- **TLV (Threshold Limit Value)**

111-76-2 | 2-butoxyethanol

A3 | 2.5-<10%

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

13463-67-7 | Titanium dioxide

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

4-hydroxy-4-methylpentan-2-one

- **Hazard statements**

H361 Suspected of damaging fertility or the unborn child. Route of exposure: Oral.

- **Precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

(Contd. on page 9)

Trade name: Mipa WBC-Mischlack

(Contd. of page 8)

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**
- **Additional classification according to Decree on Hazardous Materials:**

Class	Share in %
NK	2.5-<10

- **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.

- **Contact:**
- **Date of preparation / last revision** 04/10/2024 / 73
- **Abbreviations and acronyms:**
 ICAO: International Civil Aviation Organisation
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ADR: Accord relatif au transport international 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
 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)
 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
 BEI: Biological Exposure Limit
 Toxic to Reproduction 2: Reproductive toxicity – Category 2
- *** Data compared to the previous version altered.**