

## 1 Identification

- **Product identifier**
- **Trade name: Mipa WBC Beispritzlack**
- **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](mailto:sdb-registratur@mipa-paints.com)  
[www.mipa-paints.com](http://www.mipa-paints.com)

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



GHS07

Eye Irritation 2A H319 Causes serious eye irritation.

Flammable Liquids 4 H227 Combustible liquid.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning

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

4-hydroxy-4-methylpentan-2-one

- **Hazard statements**

H227 Combustible liquid.

H319 Causes serious eye irritation.

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

- **Precautionary statements**

P210 Keep away from flames and hot surfaces. – No smoking.

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

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 1)

P308+P313 IF exposed or concerned: Get medical advice/attention.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 2  
Fire = 2  
Reactivity = 0

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



HEALTH \*2 Health = \*2  
FIRE 2 Fire = 2  
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%
112-34-5	2-(2-butoxyethoxy)ethanol	<2.5%
71-36-3	Butan-1-ol	≥1-<2.5%
123-42-2	4-hydroxy-4-methylpentan-2-one	≥0.1-<2.5%

### 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. If symptoms persist, consult a doctor.
- **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:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 3)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 2)

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **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.  
Ensure adequate ventilation.
- **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:**

111-76-2	2-butoxyethanol	60 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
71-36-3	Butan-1-ol	60 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	150 ppm
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
68439-49-6	Alcohols, C16-18, ethoxylated	3.8 mg/m <sup>3</sup>
108-01-0	2-dimethylaminoethanol	3.7 ppm
80-62-6	methyl methacrylate	17 ppm
103-11-7	2-ethylhexyl acrylate	15 ppm

· **PAC-2:**

111-76-2	2-butoxyethanol	120 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
71-36-3	Butan-1-ol	800 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	350 ppm
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
68439-49-6	Alcohols, C16-18, ethoxylated	42 mg/m <sup>3</sup>
108-01-0	2-dimethylaminoethanol	40 ppm
80-62-6	methyl methacrylate	120 ppm
103-11-7	2-ethylhexyl acrylate	120 ppm

· **PAC-3:**

111-76-2	2-butoxyethanol	700 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
71-36-3	Butan-1-ol	8000** ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	2100* ppm
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
68439-49-6	Alcohols, C16-18, ethoxylated	250 mg/m <sup>3</sup>
108-01-0	2-dimethylaminoethanol	72 ppm
80-62-6	methyl methacrylate	570 ppm

(Contd. on page 4)

**Trade name: Mipa WBC Beispritzlack**

103-11-7	2-ethylhexyl acrylate	(Contd. of page 3) 150 ppm
----------	-----------------------	-------------------------------

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
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:** 10
- **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:**

**111-76-2 2-butoxyethanol**

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

**112-34-5 2-(2-butoxyethoxy)ethanol**

TLV	Long-term value: 10* ppm *Inhalable fraction and vapor
-----	---

**71-36-3 Butan-1-ol**

PEL	Long-term value: 300 mg/m <sup>3</sup> , 100 ppm
REL	Ceiling limit value: 150 mg/m <sup>3</sup> , 50 ppm Skin
TLV	Long-term value: 20 ppm

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

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

· **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)
-----	--

(Contd. on page 5)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 4)

- **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.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Filter A/P2
- **Protection of hands:**  
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**  
Butyl rubber, BR  
Recommended thickness of the material:  $\geq 0.7$  mm  
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** Value for the permeation: Level  $\leq 6$
- **As protection from splashes gloves made of the following materials are suitable:** PVA gloves
- **Eye protection:**



Tightly sealed goggles

## 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):** 8-9
- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
- **Flash point:** 67 °C (152.6 °F) (DIN EN ISO 1523:2002)
- **Flammability (solid, gaseous):** Not applicable.

(Contd. on page 6)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 5)

· <b>Auto igniting:</b>	240 °C (464 °F) (DIN 51794)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Not determined.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure at 20 °C (68 °F):</b>	23 hPa (17.3 mm Hg)
· <b>Vapor pressure at 50 °C (122 °F):</b>	5.3 hPa (4 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	1.006 g/cm <sup>3</sup> (8.395 lbs/gal) (DIN EN ISO 2811-1)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C (68 °F):</b>	12-15 s (DIN 53211/4)
· <b>Solvent content:</b>	
<b>Water:</b>	71.6 %
<b>VOC content:</b>	13.90 %
	501 g/l / 4.2 lb/gal
<b>Solids content (weight-%):</b>	14.4 %
· <b>Other information</b>	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:**

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

### 111-76-2 2-butoxyethanol

Oral	LD50	1,200 mg/kg (ATE)
		1,746 mg/kg (rat)
Dermal	LD50	2,270 mg/kg (rabbit)

(Contd. on page 7)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 6)

Inhalative	LC50/4 h	3 mg/l (ATE) mg/l (rat)
------------	----------	----------------------------

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

· **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>		
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.

USA

(Contd. on page 8)

**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 7)

**14 Transport information**

· <b>UN-Number</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	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

112-34-5 2-(2-butoxyethoxy)ethanol

71-36-3 Butan-1-ol

· **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.

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

None of the ingredients is listed.

· **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**

111-76-2 2-butoxyethanol

NL

71-36-3 Butan-1-ol

D

· **TLV (Threshold Limit Value)**

111-76-2 2-butoxyethanol

A3 2.5-<10%

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

None of the ingredients is listed.

(Contd. on page 9)



**Trade name: Mipa WBC Beispritzlack**

(Contd. of page 8)

· **GHS label elements**

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

· **Hazard pictograms**



GHS07 GHS08

· **Signal word Warning**

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

4-hydroxy-4-methylpentan-2-one

· **Hazard statements**

H227 Combustible liquid.

H319 Causes serious eye irritation.

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

· **Precautionary statements**

P210 Keep away from flames and hot surfaces. – No smoking.

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

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

Class	Share in %
NK	10-25

· **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 02/16/2024**

· **Abbreviations and acronyms:**

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)

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

BEI: Biological Exposure Limit

(Contd. on page 10)

Printing date 02/16/2024

Reviewed on 02/16/2024

**Trade name: Mipa WBC Beispritzlack**

*Flammable Liquids 4: Flammable liquids – Category 4*  
*Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A*  
*Toxic to Reproduction 2: Reproductive toxicity – Category 2*

· \* **Data compared to the previous version altered.**

(Contd. of page 9)