

## 1 Identification

- **Product identifier**
- **Trade name: Mipa WBC-Controller 005**
- **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

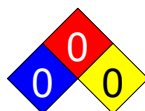
- **Emergency telephone number:**

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**  
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	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	<2.5%
112-34-5	2-(2-butoxyethoxy)ethanol	<2.5%

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108-01-0 2-dimethylaminoethanol

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<1%

#### 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.
- **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).
- **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:**

111-76-2	2-Butoxyethanol	60 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	150 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	30 mg/m <sup>3</sup>
107-21-1	ethanediol	30 ppm
108-01-0	2-dimethylaminoethanol	3.7 ppm
80-62-6	methyl methacrylate	17 ppm
103-11-7	2-ethylhexyl acrylate	15 ppm
97-90-5	ethylene dimethacrylate	9.9 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	3 mg/m <sup>3</sup>

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7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	4.1 mg/m <sup>3</sup>
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**PAC-2:**

111-76-2	2-Butoxyethanol	120 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	350 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	330 mg/m <sup>3</sup>
107-21-1	ethanediol	150 ppm
108-01-0	2-dimethylaminoethanol	40 ppm
80-62-6	methyl methacrylate	120 ppm
103-11-7	2-ethylhexyl acrylate	120 ppm
97-90-5	ethylene dimethacrylate	110 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	28 mg/m <sup>3</sup>
7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	45 mg/m <sup>3</sup>

**PAC-3:**

111-76-2	2-Butoxyethanol	700 ppm
123-42-2	4-hydroxy-4-methylpentan-2-one	2100* ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
126-86-3	2,4,7,9-tetramethyldec-5-yne-4,7-diol	2,000 mg/m <sup>3</sup>
107-21-1	ethanediol	900 ppm
108-01-0	2-dimethylaminoethanol	72 ppm
80-62-6	methyl methacrylate	570 ppm
103-11-7	2-ethylhexyl acrylate	150 ppm
97-90-5	ethylene dimethacrylate	650 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	130 mg/m <sup>3</sup>
7631-99-4	sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen	270 mg/m <sup>3</sup>

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**  
No special measures required.  
No special precautions are necessary if used correctly.
- **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:** Only store in heated receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.
- **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 item 7.

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· **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 remaining constituent has no known exposure limits.

**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

**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

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

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

· **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:**

The usual precautionary measures for handling chemicals should be followed.

· **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

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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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

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## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

· <b>Form:</b>	Fluid
· <b>Color:</b>	According to product specification
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.

· **pH-value at 20 °C (68 °F):** 7.9

#### · Change in condition

· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 240 °C (464 °F) (DIN 51794)

· **Decomposition temperature:** Not determined.

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

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

#### · Explosion limits:

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)

· **Density at 20 °C (68 °F):** 1.017 g/cm<sup>3</sup> (8.487 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:

· <b>Dynamic at 20 °C (68 °F):</b>	10,000 mPas
· <b>Kinematic:</b>	Not determined.

#### · Solvent content:

· <b>Water:</b>	59.0 %
· <b>VOC content:</b>	9.96 %
	253 g/l / 2.1 lb/gal

· **Solids content (weight-%):** 31.0 %

· **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.

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- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 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 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)**

9011-14-7	Polymethyl methacrylate	3
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:**  
Smaller quantities can be disposed of with household waste.  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

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

**14 Transport information**

· <b>UN-Number</b>	Void
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	Void
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	Void
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>Class</b>	Void
· <b>Packing group</b>	Void
· <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
107-21-1	ethanediol
80-62-6	methyl methacrylate
111-42-2	2,2'-iminodiethanol

· **Hazardous Air Pollutants**

107-21-1	ethanediol
80-62-6	methyl methacrylate
111-42-2	2,2'-iminodiethanol

· **Proposition 65**

· **Chemicals known to cause cancer:**

103-11-7	2-ethylhexyl acrylate
111-42-2	2,2'-iminodiethanol

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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

· **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**

111-76-2	2-Butoxyethanol	NL
80-62-6	methyl methacrylate	E, NL

· **TLV (Threshold Limit Value)**

111-76-2	2-Butoxyethanol	A3	2.5-<10%
107-21-1	ethanediol	A4	<1%
80-62-6	methyl methacrylate	A4	<0.1%
111-42-2	2,2'-iminodiethanol	A3	<0.1%

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

None of the ingredients is listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **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** 02/28/2023

· **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 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

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Printing date 02/28/2023

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**Trade name: Mipa WBC-Controller 005**

REL: Recommended Exposure Limit  
BEL: Biological Exposure Limit

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

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USA