

# Safety Data Sheet

in accordance with HSNO

Printing date 02.03.2023

Version number 5

Revision: 02.03.2023

## 1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name: MP ColourCheck Spray**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Clear coating material, Varnish
- **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)08703-922-100  
e-mail: sdb-registratur@mipa-paints.com  
www.mipa-paints.com
  - **Importer in New Zealand:**  
RJP Performance Coatings  
33 Ha Crescent, Wiri  
Auckland 2104  
Phone: 09 25000 91  
Email: sales@mipa.nz  
Web: www.mipa.nz
  - **24HR Emergency Assistance in New Zealand:**  
National Poison Control Centre: 0800 POISON [764 766]
- **Emergency telephone number:** International emergency number: +49(0)700 24112112 (MIP)

## 2 Hazards identification

- **Classification of the substance or mixture**



flame

Aerosol 1      H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



health hazard

Asp. Tox. 1      H304      May be fatal if swallowed and enters airways.

Aquatic Chronic 4      H413      May cause long lasting harmful effects to aquatic life.

- **Label elements**

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS02    GHS08

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

- **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H304      May be fatal if swallowed and enters airways.

H413      May cause long lasting harmful effects to aquatic life.

- **Precautionary statements**

P101      If medical advice is needed, have product container or label at hand.

P102      Keep out of reach of children.

P103      Read carefully and follow all instructions.

P210      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(Contd. on page 2)

**Safety Data Sheet**

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Printing date 02.03.2023

Version number 5

Revision: 02.03.2023

**Trade name: MP ColourCheck Spray**

(Contd. of page 1)

- P251 Do not pierce or burn, even after use.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P331 Do NOT induce vomiting.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Other hazards**
  - **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

**3 Composition/Information on ingredients**

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

· **Dangerous components:**

	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; Aquatic Chronic 4, H413	50-100%
74-98-6	propane ⚠ Flam. Gas 1A, H220; ⚠ Press. Gas L, H280	10-25%
75-28-5	isobutane ⚠ Flam. Gas 1A, H220; ⚠ Press. Gas C, H280	2.5-<10%
106-97-8	butane, pure ⚠ Flam. Gas 1A, H220; ⚠ Press. Gas C, H280	2.5-<10%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**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:** Seek immediate medical advice.
- **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>, 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.
- **Advice for firefighters**
- **Protective equipment:**  
 Wear self-contained respiratory protective device.  
 Do not inhale explosion gases or combustion gases.

-NZ-

(Contd. on page 3)

**Safety Data Sheet**

in accordance with HSNO

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Version number 5

Revision: 02.03.2023

**Trade name: MP ColourCheck Spray**

(Contd. of page 2)

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **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:**  
Dispose contaminated material as waste according to item 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.

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling** Keep away from heat and direct sunlight.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

· <b>Ingredients with limit values that require monitoring at the workplace:</b>	
<b>74-98-6 propane</b>	
WES (New Zealand)	Simple asphyxiant; may present an explosion hazard
<b>106-97-8 butane, pure</b>	
WES (New Zealand)	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm

- **Additional information:** The lists valid during the making 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.

- **Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

(Contd. on page 4)

-NZ

**Trade name: MP ColourCheck Spray**

(Contd. of page 3)

- **Protection of hands:**  
*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:** *Not required.*

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

**Form:** Aerosol  
**Colour:** According to product specification

**Odour:** Characteristic  
**Odour threshold:** Not determined.

· **pH-value:** Not determined.

#### · Change in condition

**Melting point/freezing point:** Undetermined.  
**Initial boiling point and boiling range:** -44.5 °C

· **Flash point:** -60 °C (DIN EN ISO 1523:2002)

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

· **Ignition temperature:** 354 °C (DIN 51794)

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** In use, may form flammable/explosive vapour-air mixture.

#### · Explosion limits:

**Lower:** 0.7 Vol %  
**Upper:** 10.9 Vol %

· **Vapour pressure at 20 °C:** 8,300 hPa

· **Density at 20 °C:** 0.694 g/cm<sup>3</sup> (DIN EN ISO 2811-1)

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not applicable.

#### · Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

#### · Viscosity:

**Dynamic:** Not determined.

(Contd. on page 5)

**Safety Data Sheet**

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Printing date 02.03.2023

Version number 5

Revision: 02.03.2023

**Trade name: MP ColourCheck Spray**

(Contd. of page 4)

<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b> <b>VOC (EC)</b>	100.00 %
<b>Solids content (weight-%):</b>	0.0 %
<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**
- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour 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 (German Regulation) : 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.

NZ

(Contd. on page 6)



**Trade name: MP ColourCheck Spray**

(Contd. of page 5)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b> · <b>NZS, IMDG, IATA</b>	UN1950
· <b>UN proper shipping name</b> · <b>NZS</b> · <b>IMDG</b> · <b>IATA</b>	UN1950 AEROSOLS AEROSOLS AEROSOLS, flammable
· <b>Transport hazard class(es)</b> · <b>NZS</b>	
	
· <b>Class</b> · <b>Label</b>	2 5F Gases. 2.1
· <b>IMDG, IATA</b>	
	
· <b>Class</b> · <b>Label</b>	2.1 Gases. 2.1
· <b>Packing group</b> · <b>NZS, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b> · <b>Hazard identification number (Kemler code):</b> - · <b>EMS Number:</b> · <b>Stowage Code</b>	Warning: Gases. F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre:
· <b>Segregation Code</b>	Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.

(Contd. on page 7)

**Safety Data Sheet**

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**Trade name: MP ColourCheck Spray**

(Contd. of page 6)

	For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· NZS	
· Limited quantities (LQ)	1L
· Transport category	2
· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

**15 Regulatory information**

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

· HSNO Approval numbers

74-98-6	propane	HSR001010
75-28-5	isobutane	HSR001003
106-97-8	butane, pure	HSR000989

· GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS02 GHS08

**NEW ZEALAND:**

Class 2.1.2A Flammable Aerosol

Class 6.1E Aspiration Hazard

Class 9.1D Aqua Toxic

HSR002515 Aerosols (Flammable)

· Signal word Danger

· Hazard-determining components of labelling:

Hydrocarbons, C11-C12, isoalkanes, &lt;2% aromatics

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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

(Contd. on page 8)



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**Trade name: MP ColourCheck Spray**

(Contd. of page 7)

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P3a FLAMMABLE AEROSOLS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

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

Class	Share in %
NK	50-100

- **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.

- **Relevant phrases**

H220 Extremely flammable gas.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

- **Contact:**

- **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

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)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas C: Gases under pressure – Compressed gas

Press. Gas L: Gases under pressure – Liquefied gas

Flam. Liq. 3: Flammable liquids – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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