

Printing date 01.03.2023

Safety data sheet

according to 1907/2006/EC, Article 31 Version number 86 (replaces version 85)

Revision: 01.03.2023

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

· 1.1 Product identifier

- · Trade name: Mipa Acryl-Haftgrund
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- No further relevant information available.
- · Application of the substance / the mixture Priming
- · 1.3 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
- 1.4 Emergency telephone number: International emergency number: +49(0)700 24112112 (MIP)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



Aerosol 1	H222-H229 Extremely flammable aerosol. Pressurised container: May burst if
	heated.
$\mathbf{\Lambda}$	



Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
Aquatic Chronic 3	3 H412	Harmful to aquatic life with long lasting effects.

Aquatic Chronic 3 H412

· 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



- · Signal word Danger
- · Hazard-determining components of labelling:
- acetone n-Butyl acetate
- 2-Methoxy-1-methylethyl acetate

Hazard statements

- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- Causes serious eye irritation. H319
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 2)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 01.03.2023

Version number 86 (replaces version 85)

Revision: 01.03.2023

Trade name: Mipa Acryl-Haftgrund

	(Contd. of page 1)
Precautionary sta	atements
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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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.
Additional inform	nation:
EUH066 Repeated	l exposure may cause skin dryness or cracking.
EUH208 Contains	maleic anhydride, 4-Morpholinecarbaldehyde. May produce an allergic reaction.
EUH211 Warning spray or l	Hazardous respirable droplets may be formed when sprayed. Do not breathe mist.

Buildup of explosive mixtures possible without sufficient ventilation.

- 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

CAS: 67-64-1	acetone	25-50%
EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-21194869440-21	propane 🚸 Flam. Gas 1A, H220; 🔗 Press. Gas (Liq.), H280	10-25%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-Butyl acetate Flam. Liq. 3, H226;	<15%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-31	butane, pure � Flam. Gas 1A, H220; ∻ Press. Gas (Comp.), H280	2.5-<10%
CAS: 9004-70-0	Nitrocellulose, nitrogen content <12,6%	2.5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	2.5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol	<2.5%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-Methoxy-1-methylethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	<2.5%

GB



according to 1907/2006/EC, Article 31

Revision: 01.03.2023

Printing date 01.03.2023

Version number 86 (replaces version 85)

Trade name: Mipa Acryl-Haftgrund

CAS: 1330-20-7	Xylene	(Contd. of page : 1-<2.5%
EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	♦ Flam. Liq. 3, H226; ♦ STOT RE 2, H373; Asp. Tox. 1, H304; ♦ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	1-~2.376
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40	Trizinc bis(orthophosphate) 〈 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<i>≥</i> 0.25-<2.5%
	4-Morpholinecarbaldehyde () Skin Sens. 1, H317	<i>≥</i> 0.1-<1%
EINECS: 203-571-6 Reg.nr.: 01-2119472428-31	maleic anhydride	<0.001%

SECTION 4: First aid measures

• 4.1 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.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.

6.2 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.

(Contd. on page 4)

⁻ GB



according to 1907/2006/EC, Article 31

Revision: 01.03.2023

(Contd. of page 3)

Printing date 01.03.2023

Version number 86 (replaces version 85)

Trade name: Mipa Acryl-Haftgrund

• 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
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.
7.2 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: Do not seal receptacle gas tight. Keep container tightly sealed.
- · Storage class: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1	Control	parameters
-----	---------	------------

Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

123-86-4 n-Butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm

106-97-8 butane, pure

WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

108-65-6 2-Methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk

(Contd. on page 5)

GB



according to 1907/2006/EC, Article 31 Version number 86 (replaces version 85)

Revision: 01.03.2023

Printing date 01.03.2023

Trade name: Mipa Acryl-Haftgrund

	(Con	td. of page 4)
1330-	-20-7 Xylene	
WEL	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV	
108-3	31-6 maleic anhydride	
WEL	Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ Sen	
· Ingre	edients with biological limit values:	
1330-	-20-7 Xylene	
BMG	V 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid	
·Addit	itional information: The lists valid during the making were used as basis.	
	- , ,	

· 8.2 Exposure controls

- Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as 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. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Hand protection

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 (EN 374)

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.

(Contd. on page 6)

GB



Printing date 01.03.2023

Safety data sheet according to 1907/2006/EC, Article 31

Version number 86 (replaces version 85)

Revision: 01.03.2023

Trade name: Mipa Acryl-Haftgrund

(Contd. of page 5)



Tightly sealed goggles

0.4 lafe modie and the is the start of	
9.1 Information on basic physical and c General Information	hemical properties
Physical state	Aerosol
Colour:	
Odour:	According to product specification Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and	11 E °C
boiling range	-44.5 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	1.2 Vol % (123-86-4 n-Butyl acetate)
Upper:	13 Vol % (67-64-1 acetone)
Flash point:	<0 °C (DIN EN ISO 1523:2002)
Ignition temperature:	365 °C (DIN 51794, 106-97-8 butane, pure)
Decomposition temperature:	Not determined.
рН	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log	g
value)	Not determined.
Vapour pressure at 20 °C:	8,300 hPa (74-98-6 propane)
Density and/or relative density	
Density at 20 °C:	0.829 g/cm³ (DIN 53217)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of	
and environment, and on safety.	
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Solvent content:	
VOC (EC)	78.50 %
Solids content (weight-%):	21.5 %
Change in condition	
Evaporation rate	Not applicable.

(Contd. on page 7) GB



according to 1907/2006/EC, Article 31 Version number 86 (replaces version 85)

Revision: 01.03.2023

Printing date 01.03.2023

Trade name: Mipa Acryl-Haftgrund

	(Contd. of p	bage 6
· Information with regard to physical haz	ard	
classes		
· Explosives	Void	
Flammable gases	Void	
Aerosols	Extremely flammable aerosol. Pressur container: May burst if heated.	ised
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
• Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
[•] Substances and mixtures, which emit		
flammable gases in contact with water	Void	
• Oxidising liquids	Void	
• Oxidising solids	Void	
· Organic peroxides	Void	
· Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

10.2 Chemical stability

• **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: Carbon monoxide

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Causes serious eye irritation.
- STOT-single exposure May cause drowsiness or dizziness.
- 11.2 Information on other hazards

• Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.

(Contd. on page 8)

GB



according to 1907/2006/EC, Article 31

Revision: 01.03.2023

Printing date 01.03.2023

Version number 86 (replaces version 85)

Trade name: Mipa Acryl-Haftgrund

(Contd. of page 7)

12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- 12.7 Other adverse effects
- · Remark: Harmful to fish
- · 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.

Harmful to aquatic organisms

SECTION 13: Disposal considerations

· 13.1 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.

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name ADR IMDG	UN1950 AEROSOLS AEROSOLS
ΙΑΤΑ	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class Label	2 5F Gases. 2.1
· IMDG, IATA	
Class	2.1 Gases.
Label	2.1
· 14.4 Packing group · ADR, IMDG, IATA	Void



according to 1907/2006/EC, Article 31

Revision: 01.03.2023

Printing date 01.03.2023

Version number 86 (replaces version 85)

Trade name: Mipa Acryl-Haftgrund

	(Contd. of page a
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user Hazard identification number (Kemler	Warning: Gases. • code): -
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacit of 1 litre: 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. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
14.7 Maritime transport in bulk accord IMO instruments	ling to Not applicable.
Transport/Additional information:	
<i>ADR Limited quantities (LQ) Transport category Tunnel restriction code</i>	1L 2 D
IMDG Limited quantities (LQ)	1L
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · 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
- \cdot 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

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

(Contd. on page 10)

GB



Printing date 01.03.2023

Safety data sheet

according to 1907/2006/EC, Article 31 Version number 86 (replaces version 85)

Revision: 01.03.2023

Trade name: Mipa Acryl-Haftgrund

SECTION 16: Other information

(Contd. of page 9)

GB

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 Explosive; mass explosion hazard. H201 H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated. Harmful if swallowed. H302 H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. May cause drowsiness or dizziness. H336 H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking. EUH071 Corrosive to the respiratory tract. Classification according to Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. 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) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) 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 GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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 Expl. 1.1: Explosives - Division 1.1 Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas Press. Gas (Liq.): Gases under pressure - Liquefied gas Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 (Contd. on page 11)



Safety data sheet according to 1907/2006/EC, Article 31

Revision: 01.03.2023

Printing date 01.03.2023

Version number 86 (replaces version 85)

Trade name: Mipa Acryl-Haftgrund

(Contd. of page 10) Skin Sens. 1A: Skin sensitisation – Category 1A STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • * Data compared to the previous version altered. GB