

1. IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product Name and Code : Mipa Holzgrund

Name, full adress and tel. of Company:

Mipa AG

Am Oberen Moos 1

D-84051 Essenbach

Phone: of the Company: 0049/8703/922-0

Emergency phone : 0049/8703/922-0

e-mail:mipa@mipa-paints.com

Fax: 0049/8703/922-100

www.mipa-paints.com

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EC.

EINECS-Nr	Names	Symb.	Conc. %
CAS-No.	R-phrases		
200-751-6	butan-1-ol		
71-36-3	10-22-37/38-41-67	Xn	1 - 2.5
211-986-9	dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)-		
731-27-1	methanesulphenamide		
	23-36/37/38-43-48/20-50/53	T,N	< 1
265-150-3	Naphtha (petroleum),hydrotreated heavy;low boiling point		
64742-48-9	65-66	Xn	75 - 100
	Zinkcarboxylat		
136-53-8	51/53	N	< 1

Extra notices:

(See full text of R phrases under chapter 16)

3. HAZARDS IDENTIFICATION OF THE PREPERATION.

n.a.

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

4. FIRST AID MEASURES.

General :

In all causes of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation :

Remove or fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact :

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact :

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

Ingestion :

If accidentally swallowed obtain immediate medical attention. Keep at rest.

Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES.

Extinguishing media : recommended : alcohol resistant foam, CO<sub>2</sub>,  
powders, waterspray  
not to be used : waterjet.

Recommendations : Fire will produce dense black smoke. Exposure  
to decomposition products may cause a health hazard.  
Appropriate breathing apparatus may be required.  
Cool closed containers exposed to fire with water. Do  
not allow run- off from fire fighting to enter drains  
or water courses.

---

6. ACCIDENTAL RELEASE MEASURES.

Exclude sources of ignition and ventilate the area. Avoid breathing vapours.  
Refer to protective measures listed in sections 7 and 8. Contain and collect  
spillage with non-combustible absorbent materials, e.g. sand, earth,  
vermiculite, diatomaceous earth and place in container for disposal  
according to local regulations (see section 13). Do not allow to enter  
drains or watercourses.

Clean preferably with a detergent; avoid use of solvents.

If the product contaminates lakes, rivers or sewages, inform appropriate  
authorities in accordance with local regulations.

---

7. HANDLING AND STORAGE.

Handling.

Vapours are heavier than air and may spread along floors. Vapours may form  
Explosive mixtures with air. Prevent the creation of flammable or explosive  
concentrations of vapour in air and avoid vapour concentration higher than  
the occupational exposure limits.

Additionally, the product should only be used in areas from which all naked  
lights and other sources of ignition have been excluded. Electrical  
equipment should be protected to the appropriate standard.

Preparation may charge electrostatically: always use earthing leads when  
transferring from one container to another. Operators should wear antistatic  
footwear and clothing and floors should be of the conducting type

Keep container tightly closed. Isolate from sources of heat, sparks and open  
flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in application area.

For personal protection see Section 8.

Never use pressure to empty : container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Storage.

Although the storage and use of this product is not subject to specific  
statutory requirements, observation of the principles of the Highly  
Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate  
will be seen as good industrial practice in meeting the general duties of  
the Health and Safety at Work Act.

Observe label precaution. Storage: protected against frost on a dry, well  
ventilated place away from sources of heat and direct sunlight.

Keep away from sources of ignition. Keep away from oxidising agents, from  
strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorized access. Containers which are opened must  
be carefully resealed and kept upright to prevent leakage.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Engineering Measures.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn. Exposure Limits.

Occupational exposure limit for :

EINECS-No.	Names	STL mg/m <sup>3</sup>	LTl mg/m <sup>3</sup>
200-751-6	butan-1-ol	50	0 ppm

Personal Protection:

Respiratory protection.

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection.

For prolonged or repeated contact, use :

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection.

Use safety eyewear designed to protect against splash of liquids.

Skin protection.

Personel should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical form	: liquid		Methode
color	: see trade name		
odor	: typical		
flash point	: 41	°C	DIN 53213
viscosity	: at 20 oC	12 s 4 mm	DIN 53211
density	: 0.80	g/cm <sup>3</sup>	
solvent content	: 92	%	
vapour pressure	:	mbar	
ignition temperature	: 200	°C	
boiling point	: 107	°C	
solid weight	: 8.39	%	
solid volume	: 7.87	l/100kg	
lower explosion limit:	0.6	Vol %	
solubility in water	: insoluble		

10. STABILITY AND REACTIVITY.

Stabile under recommended storage and handling conditions.(See section 7)  
 When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.  
 Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. TOXICOLOGICAL INFORMATION.

There are no data available on the preparation itself.

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.

---

Symptoms and signs include headache; dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Remark: The product has not been tested as such, but is categorised by means of conventional method.(EC-Guidelines 1999/45/EC)

---

12. ECOLOGICAL INFORMATION.

The product should not be allowed to enter drains or water courses.

The preparation itself is labelled in accordance with the conventional dangerous preparations directive (1999/45/EG) as not dangerous for the environment.

---

13. DISPOSAL CONSIDERATIONS.

080111 waste paint and varnish containing organic solvents or other dangerous substances

Do not allow into drains or water courses.

Empty containers are to be deposited according to the official rules.

---

14. TRANSPORT INFORMATION.

Road/rail-transportation

ADR/RID Class: 3

UN-Nr.: 1263

Transport document: Paint  
(nicht viskos)

contains:

Packaging group: III

Sea transport

IMDG/Class: 3 Packaging group: III

EMS-Nr.: 3-05

UN-Nr.: 1263

Proper shipping name: PAINT

contains: /

Marine pollutant: n.a.

ICAO/IATA Class: 3 UN Nr. : 1263

Proper shipping name: Paint

/

Packaging group : III

---

15. REGULARY INFORMATION.

The requirements of the Classification Packaging and Labelling of Dangerous Substances Regulations.(EC Guidelines 1999/45/EC)

The product is labelled as follows :

n.a.

Danger classification :

n.a.

contains:

R phrases:

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

S phrases:

- 24 Avoid contact with skin.
- 38 In case of insufficient ventilation, wear suitable respiratory equipment.
- 51 Use only in well-ventilated areas.
- 23 Do not breathe vapour.

P phrases:

n.a.

Water hazard class: 2

VOC (g/l) DIN ISO 11890: 735.221

---

16. OTHER INFORMATION.

Full text of R phrases with no appearing in section 2 :

- 10 Flammable.
- 22 Harmful if swallowed.
- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.
- 67 Vapours may cause drowsiness and dizziness.
- 23 Toxic by inhalation.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 43 May cause sensitisation by skin contact.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.

---

