

**Safety Data Sheet**

According to Regulation EC No. 1907/2006

**Modellbauspachtel GP**

Date of issue/Date of revision: 09.04.2024

en / EU - Version 2.0

**1. Identification of the substance preparation and of the company undertaking****1.1 Identification of the substance or preparation:**

Modellbauspachtel GP

UFI:

2AU7-UMRD-S10F-9D3Q

**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:** Knife filler/ Surfacer**1.3 Company/undertaking identification**

Company name:

Gößl + Pfaff GmbH

Street:

Münchener Str. 13

Place:

85123 Karlskron/Brautlach

Telephone:

+49 (0) 8450 / 932-0

Fax.:

+49 (0) 8450 / 932-13

Contact person:

Management: Mr. Gößl, Mr. Pfaff

E-Mail:

info@goessl-pfaff.de

Internet:

[www.goessl-pfaff.de](http://www.goessl-pfaff.de)

Responsible Department:

Management

**1.4 Emergency telephone****Emergency CONTACT (24-Hour-Number):** GBK GmbH +49 (0) 6132-84463**2. Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 3	H226 Flammable liquid and vapour.
Repr. 2	H361d Suspected of damaging the unborn child.
STOT RE 1	H372 Causes damage to the hearing organs through prolonged or repeated exposure.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.

**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:**

Styrene  
Maleic anhydride  
2,2'-(m-Tolylimino)diethanol

**Hazard statements**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H361d Suspected of damaging the unborn child.  
H372 Causes damage to the hearing organs through prolonged or repeated exposure.

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#### Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
 P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P403+235 Store in a well-ventilated place. Keep cool.

#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 3. Composition information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 100-42-5 EINECS: 202-851-5 Reg.nr.: 01-2119457861-32	<b>Styrene</b> Flam. Liq. 3, H226; Repr. 2, H361d; STOT RE 1, H372; Asp. Tox. 1, H304; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	≥ 10 – <15 %
CAS: 91-99-6 EINECS: 202-114-8	<b>2,2'-(m-Tolylimino)diethanol</b> STOT RE 2, H373; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥ 0,1 – <1 %
CAS: 108-31-6 EINECS: 203-571-6 Reg.nr.: 01-2119472428-31	<b>Maleic anhydride</b> Resp. Sens. 1, H334; STOT RE 1, H372; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	≥ 0,001 – <0,1 %

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

### 4. First aid measures

#### 4.1. Description of first aid measures

**General information:** Immediately remove any clothing soiled by the product.

##### After inhalation:

Supply fresh air and to be sure call for a doctor.  
 In case of unconsciousness place patient stably in side position for transportation.

##### After skin contact:

Immediately rinse with water.

##### 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.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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#### 5. Fire-fighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

##### 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

##### 5.3 Advice for firefighters

**Protective equipment:** Mouth respiratory protective device.

#### 6. Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

##### 6.2. Environmental precautions

###### Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

##### 6.3. Methods and material for containment and cleaning up

###### Clean-up procedures:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

#### 7. Handling and storage

##### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

###### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

##### 7.2. Conditions for safe storage, including any incompatibilities

###### Storage conditions:

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: Keep container tightly sealed.

**Storage class:** 3

##### 7.3. Specific end use(s)

No further relevant information available.

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#### 8. Exposure controls personal protection

##### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:	
<b>100-42-5 Styrol</b>	
WEL	Short-term value: 1080 mg/m <sup>3</sup> , 250 ppm Long-term value: 430 mg/m <sup>3</sup> , 100 ppm
<b>108-31-6 Maleic anhydride</b>	
WEL	Short-term value: 3 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> Sen

**Additional 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.  
Store protective clothing separately.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.

###### Respiratory protection

Filter A/P2 (EN 141, EN 143)



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

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

Fluorocarbon rubber (Viton)

Recommended thickness of the material:  $\geq 0.4$  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.

###### Eye/face protection



Tightly sealed goggles

#### 9. Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

Physical state:	Fluid
Colour:	According to product specification
Odour:	Characteristic

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Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range:	145.2 °C (100-42-5 Styrene)
Flammability	Flammable
<b>Lower and upper explosion limit</b>	
Lower:	1.2 Vol % (100-42-5 Styrene)
Upper:	8.9 Vol % (100-42-5 Styrene)
Flash point:	31 °C (DIN EN ISO 1523:2002)
Auto-ignition temperature:	480 °C (DIN 51794, 100-42-5 Styrene)
Decomposition temperature:	Not determined
pH:	Not determined
<b>Viscosity</b>	
Kinematic viscosity:	Not determined
Dynamic at 20 °C:	288.000-300.000 mPas
<b>Solubility</b>	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value):	Not determined
Vapour pressure at 20 °C:	6 hPa (100-42-5 Styrene)
Vapour pressure at 50 °C:	35 hPa
<b>Density and/or relative density</b>	
Density at 20 °C:	0.977 g/cm <sup>3</sup> (DIN EN ISO 2811-1)
Relative density:	Not determined
Vapour density:	Not determined
<b>9.2. Other information</b>	
Appearance:	
Form:	Fluid
Important information on protection of health 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.
<b>Solvent content:</b>	
VOC (EC):	0.53 %
Solids content (weight-%):	87.6 %
<b>Change in condition:</b>	
Evaporation rate:	Not determined.
<b>Information with regard to physical hazard classes</b>	
Explosives:	Void
Flammable gases:	Void
Aerosols:	Void
Oxidising gases:	Void
Gases under pressure:	Void
Flammable liquids:	Flammable liquid and vapour
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

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**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

**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.

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**Reproductive toxicity**

Suspected of damaging the unborn child.

**STOT-repeated exposure**

Causes damage to the hearing organs through prolonged or repeated exposure.

**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.

**12.5. Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable

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#### 12.6. Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

#### 12.7. Other adverse effects

##### Additional ecological information:

##### General notes:

Water hazard class 2 (German Regulation): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

### 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:

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### 14. Transport information

#### 14.1. UN number or ID number

ADR, IMDG, IATA

UN 3269

#### 14.2. UN proper shipping name

ADR

UN 3269 POLYESTER RESIN KIT

IMDG, IATA

POLYESTER RESIN KIT

#### 14.3. Transport hazard class(es)

ADR



Class:

3 (F3) Flammable liquids

Label:

3

IMDG, IATA



Class:

3 Flammable liquids

Label:

3

#### 14.4. Packing group

ADR, IMDG, IATA

III

#### 14.5. Environmental hazards:

not applicable

#### 14.6. Special precautions for user

Warning: Flammable liquids

#### Hazard identification number (Kemler code):

-

EMS Number:

F-E, S-D

Stowage Category:

A

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#### 14.7 Maritime transport in bulk according to IMO

##### Instruments

Not applicable.

##### Transport/Additional information:

##### ADR

Limited quantities (LQ)

5L

Transport category

3

Tunnel restriction code

E

##### IMDG

Limited quantities (LQ)

5L

UN "Model Regulation":

UN 3269 POLYESTER RESIN KIT, 3, III

### 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Regulated explosives precursors

None of the ingredients is listed.

##### Regulated poisons

None of the ingredients is listed.

##### Reportable explosives precursors

None of the ingredients is listed.

##### Reportable poisons

None of the ingredients is listed.

##### Directive 2012/18/EU

##### Named dangerous substances - ANNEX I

None of the ingredients is listed.

##### Seveso category

P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 5.000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 50.000 t

##### National regulations:

Additional classification according to Decree on Hazardous Materials, Annex II:

Class	Share in %
NK	10-25

#### 15.2. Chemical Safety assessment

A Chemical Safety Assessment has not been carried out.

### 16. Other information

This version replaces version 1.1 from 09.11.2022

##### Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.



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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.  
 H361d Suspected of damaging the unborn child.  
 H372 Causes damage to organs through prolonged or repeated exposure.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H412 Harmful to aquatic life with long lasting effects.  
 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:

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

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

The information of this MSDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this MSDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.