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Safety data sheet



Printing date 04.06.2024

Version number 4.0 (replaces version 3.0)

Revision: 04.06.2024

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

- · Product identifier
- · Trade name: Mr. FINISHING SURFACER 1500 PINK
- · Article number: SF-292
- Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the mixture Coating
- Details of the supplier of the safety data sheet
 Manufacturer/Supplier:
 GSI EUROPE Import + Export GmbH
 Louise-Dumont-Str. 31
 40211 DÜSSELDORF
 GERMANY
- · Further information obtainable from: Hobby Department
- Emergency telephone number: During normal opening times: +49/211/1665 98420

2 Hazards identification

Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008

flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

health hazard
Carc. 2 H351 Suspected of causing cancer.
corrosion
Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation. STOT SE 3 H336 May cause drowsiness or dizziness. • Label elements • Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

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Hazard pictog	(Contd. of page
GHS02 GHS	05 GHS07 GHS08
Signal word D	anger
Hazard-determ	nining components of labelling:
4-methylpentan	i-2-one
butan-1-ol	
Hazard statem	
	mmable liquid and vapour.
H315 Causes s	
	erious eye damage.
	d of causing cancer.
	e drowsiness or dizziness.
Precautionary	
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.
P303+P361+P3	353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin wit
	water [or shower].
P305+P351+P3	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
P310	lenses, if present and easy to do. Continue rinsing.
P321	Immediately call a POISON CENTER/doctor. Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international
1 001	regulations.
Other hazards	•
Results of PB	Γ and vPvB assessment
PBT: Not applie	cable.

• **vPvB:** Not applicable.

3 Composition/information on ingredients

· Mixtures

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

· Dangerous components:		
CAS: 108-10-1	4-methylpentan-2-one	>25–≤50%
EINECS: 203-550-1	 Flam. Liq. 2, H225; Carc. 2, H351; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 ATE: LC50/4 h inhalative: 11 mg/l 	
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CAS: 78-93-3	butanone	10%	
EINECS: 201-159-0	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066		
CAS: 123-86-4	n-butyl acetate	>2.5–≤10%	
EINECS: 204-658-1	🚸 Flam. Liq. 3, H226; 🗘 STOT SE 3, H336, EUH066		
CAS: 71-36-3	butan-1-ol	≥3–<10%	
EINECS: 200-751-6	♦ Flam. Liq. 3, H226; ♦ Eye Dam. 1, H318; ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336		
CAS: 107-98-2	1-methoxy-2-propanol	>2.5–≤10%	
EINECS: 203-539-1	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336		
CAS: 141-78-6	ethyl acetate	>2.5-<10%	
EINECS: 205-500-4	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066		
CAS: 5131-66-8	3-butoxypropan-2-ol	>2.5-<10%	
EINECS: 225-878-4	1 Skin Irrit. 2, H315; Eye Irrit. 2, H319		
CAS: 64-17-5	ethanol	≤2.5%	
EINECS: 200-578-6	🚸 Flam. Liq. 2, H225		
CAS: 111-76-2	2-butoxyethanol	≤2.5%	
EINECS: 203-905-0	Skin Irrit. 2, H315; Eye Irrit. 2, H319		
	ATE: LD50 oral: 1,200 mg/kg LC50/4 h inhalative: 3 mg/l		
CAS: 112-07-2	2-butoxyethyl acetate	≤2.5%	
	Acute Tox. 4, H312; Acute Tox. 4, H332		
 Additional information: For the wording of the listed hazard phrases refer to section 16. 			

4 First aid measures

· Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: If symptoms persist consult 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.

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5 Firefighting measures

- Extinguishing media
- · Suitable extinguishing agents:
- CO2, 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: No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- 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). Use neutralising agent.

Dispose contaminated material as waste according to section 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

- **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.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.

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• Specific end use(s) No further relevant information available.

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	rol parameters edients with limit values that require monitoring at the workplace:	
-	10-1 4-methylpentan-2-one	
	Short-term value: 416 mg/m³, 100 ppm Long-term value: 208 mg/m³, 50 ppm Sk, BMGV	
78-93	3-3 butanone	
WEL	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV	
123-8	B6-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm	
71-36	6-3 butan-1-ol	
WEL	Short-term value: 154 mg/m³, 50 ppm Sk	
107-9	98-2 1-methoxy-2-propanol	
WEL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Sk	
141-7	78-6 ethyl acetate	
WEL	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm	
64-17	7-5 ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm	
	76-2 2-butoxyethanol	
WEL	Short-term value: 246 mg/m³, 50 ppm Long-term value: 123 mg/m³, 25 ppm Sk, BMGV	
112-0	07-2 2-butoxyethyl acetate	
WEL	Short-term value: 332 mg/m³, 50 ppm Long-term value: 133 mg/m³, 20 ppm Sk	



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· Ingred	lients with biological limit values:
-	D-1 4-methylpentan-2-one
	20 μmol/L Medium: urine Sampling time: post shift Parameter: 4-methylpentan-2-one
78-93-	3 butanone
BMGV	/ 70 μmol/L
	Medium: urine Sampling time: post shift Parameter: butan-2-one
111-76	5-2 2-butoxyethanol
BMGV	/ 240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
Additi	onal information: The lists valid during the making were used as basis.
Avoid o Avoid o Respin In case exposit	protective clothing separately. contact with the skin. contact with the eyes and skin. ratory protection: e of brief exposure or low pollution use respiratory filter device. In case of intensive or longer
M2	ure use self-contained respiratory protective device.
Due to	ure use self-contained respiratory protective device.
Selecti degrac Materi	Protective gloves ove material has to be impermeable and resistant to the product/ the substance/ the preparation missing tests no recommendation to the glove material can be given for the product/ the ration/ the chemical mixture. ion of the glove material on consideration of the penetration times, rates of diffusion and the



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- be checked prior to the application.
- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chem	nical proportios	
· General Information	lical properties	
· Physical state	Fluid	
· Colour:	According to product specification	
· Odour:	Characteristic	
Odour threshold:		
	Not determined.	
• Melting point/freezing point:	Undetermined.	
Boiling point or initial boiling point and	-	
range	77 °C	
Flammability	Highly flammable.	
Lower and upper explosion limit		
· Lower:	1.1 Vol %	
· Upper:	13 Vol %	
· Flash point:	12 °C	
 Auto-ignition temperature: 	260 °C	
 Decomposition temperature: 	Not determined.	
· pH	Mixture is non-polar/aprotic.	
· Viscosity:		
 Kinematic viscosity at 40 °C 	>20.5 mm²/s	
· Dynamic:	Not determined.	
· Solubility		
· water:	Fully miscible.	
· Partition coefficient n-octanol/water (log		
· Vapour pressure at 20 °C:	108 hPa	
· Density and/or relative density		
· Density at 20 °C:	1.082 g/cm³	
· Relative density	Not determined.	
· Bulk density:	1,082 kg/m ³	
· Vapour density	Not determined.	
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· Other information	
· Appearance:	
Form:	Fluid
Important information on protection of health	
and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Solvent content:	
· Organic solvents:	68.0 %
VOC (EC)	68.00 %
Change in condition	
· Evaporation rate	Not determined.
· Explosives · Flammable gases	Void Void
· Explosives	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Highly 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

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.

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· **Incompatible materials:** No further relevant information available.

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· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008
 Acute toxicity Based on available data, the classification criteria are not met.

	-	evant for classification:
		y Estimates)
Oral	LD50	13,962 mg/kg
Dermal	LD50	31,919 mg/kg
		24.8–44.8 mg/l
108-10-1 4-methylpentan-2-one		
Oral	LD50	2,080 mg/kg (rat)
Dermal	LD50	16,000 mg/kg (rab)
Inhalative	LC50/4 h	11 mg/l (ATE)
		8.3–16.6 mg/l (rat)
78-93-3 b	utanone	
Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)
123-86-4 ı	n-butyl ac	etate
Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)
71-36-3 b	utan-1-ol	·
Oral	LD50	790 mg/kg (rat)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/l (rat)
	-	-2-propanol
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	13,000 mg/kg (rabbit)
141-78-6	•	
Oral	LD50	5,620 mg/kg (rabbit)
		1,600 mg/l (rat)
64-17-5 et		
Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

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111-76-2	2-butoxye	thanol	
Oral	LD50	1,200 mg/kg (ATE)	
		1,480 mg/kg (rat)	
Dermal	LD50	400 mg/kg (rab)	
Inhalative	LC50/4 h	3 mg/l (ATE)	
112-07-2	2-butoxye	thyl acetate	
Oral	LD50	2,400 mg/kg (rat)	
Dermal	LD50	1,580 mg/kg (rabbit)	
· Skin corr	osion/irrit	ation Causes skin irritation.	
		e/irritation Causes serious eye damage.	
		spected of causing cancer.	
 STOT-single exposure May cause drowsiness or dizziness. 			
 Informati 	on on oth	er hazards	
· Endocrin	e disrupti	ng properties	
78-93-3 butanone List II			

12 Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Must not reach sewage water or drainage ditch undiluted or unneutralised.

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

13 Disposal considerations

- · Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

· UN number or ID number · ADR, IMDG, IATA	UN1263
UN proper shipping name	
ADR	1263 PAINT RELATED MATERIAL
· IMDG · IATA	PAINT RELATED MATERIAL Paint related material
· Transport hazard class(es)	
· ADR, IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· Packing group · ADR, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Flammable liquids.
 Hazard identification number (Kemler co 	
EMS Number:	F-E, <u>S-E</u>
· Stowage Category	В
 Maritime transport in bulk according to 	
instruments	Not applicable.
· Transport/Additional information:	
ADR	
· Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
 Tunnel restriction code 	D/E



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 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
	Maximum net quantity per outer packaging. 500 mi
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, II

15 Regulatory information

 $^{\cdot}$ Safety, health and environmental regulations/legislation specific for the substance or mixture $^{\cdot}$ Poisons Act

· 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
- · 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

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.

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H332

H335

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May cause respiratory irritation.

Toxic if inhaled. Harmful if inhaled.

May cause drowsiness or dizziness. H336 H351 Suspected of causing cancer. EUH066 Repeated exposure may cause skin dryness or cracking. · Department issuing SDS: Hobby Department · 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 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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity – Category 4 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 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 ** Data compared to the previous version altered.