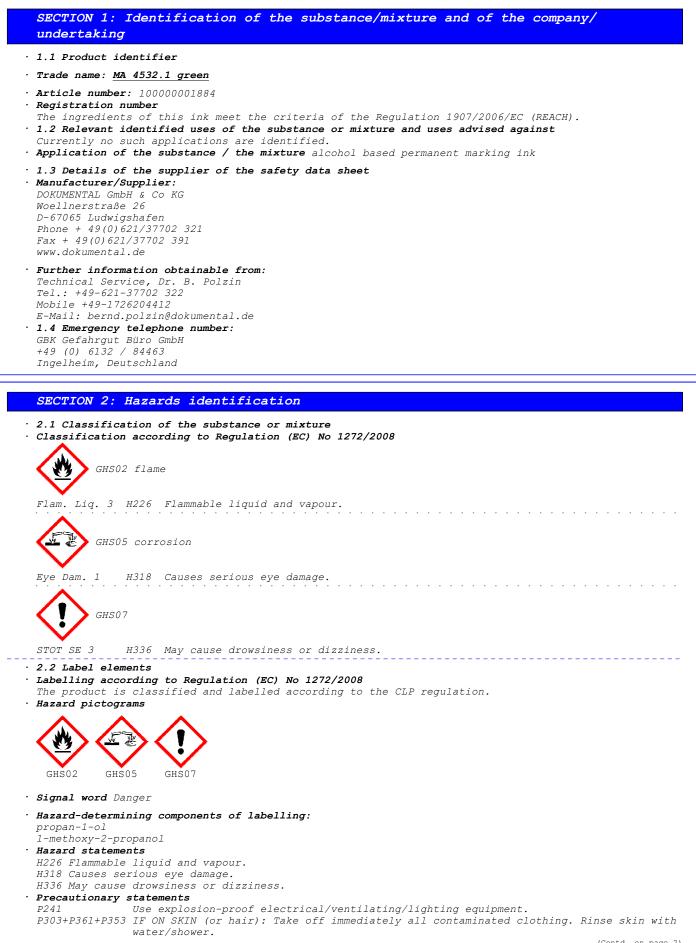
# Safety data sheet





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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards

 $\cdot$  Results of PBT and vPvB assessment

- · PBT: Not applicable.
- · **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### · 3.2 Chemical characterisation: Mixtures

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

• Dangerous components:	· Dangerous components:			
	1-methoxy-2-propanol Flam. Liq. 3, H226; 🕐 STOT SE 3, H336	50-100%		
	propan-1-ol 🗞 Flam. Liq. 2, H225; 🔶 Eye Dam. 1, H318; 🐠 STOT SE 3, H336	25-50%		

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

## 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: Generally the product does not irritate the skin.
- · After eye contact: Rinse opened eye for several minutes under running water. Then 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: No special measures required.

### SECTION 6: Accidental release measures

- $\cdot$  6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Wear protective clothing.
- · 6.2 Environmental precautions: Dilute with plenty of water.
- Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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 Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- · Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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EII

according to 1907/2006/EC, Article 31



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- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
   Further information about storage conditions: Keep container tightly sealed.

• Storage class: 3

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

## SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

Ingred	ients with limit values that require monitoring at the workplace:
107-98	-2 1-methoxy-2-propanol (50-100%)
IOELV	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
Nddi+i	Skin <b>onal information:</b> The lists valid during the making were used as basis.
	posure controls
	al protective equipment:
	1 protective and hygienic measures:
	ately remove all soiled and contaminated clothing
	ands before breaks and at the end of work.
	contact with the eyes. <b>atory protection:</b>
-	e of brief exposure or low pollution use respiratory filter device. In case of intensive or
	e of blief exposure of fow portation use respiratory fifter device. In case of intensive of exposure use self-contained respiratory protective device.
-	tion of hands:
	ove material has to be impermeable and resistant to the product/ the substance/ the
prepar	
Due to	missing tests no recommendation to the glove material can be given for the product/ the ation/ the chemical mixture.
Select degrad	ion of the glove material on consideration of the penetration times, rates of diffusion and ation
higher	y a short-term loading of the glove material by splashes is expected, tricoted gloves with wearability for the better acceptance of the users are recommended.
The se of qua substa	al of gloves lection of the suitable gloves does not only depend on the material, but also on further mar lity and varies from manufacturer to manufacturer. As the product is a preparation of severa nces, the resistance of the glove material can not be calculated in advance and has therefor checked prior to the application.
Nitril	e rubber, NBR
	ation time of glove material
to be	act break trough time has to be found out by the manufacturer of the protective gloves and h observed.
Eye pr	otection:
	Tightly sealed goggles

#### SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties . · General Information · Appearance: Form: Fluid Colour: According to product specification Odour: Product specific · Odour threshold: Not determined. Important information on protection of health and environment, and on safety. · pH-value: Not determined. Change in condition Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 96.5-97.5 °C (Contd. on page 4) EU



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Flash point:	23 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	287 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits: Lower: Upper:	1.7 Vol % 13.5 Vol %
Vapour pressure at 20 °C:	19 hPa
Density at 20 °C: Relative density Vapour density Evaporation rate	0.9 g/cm <sup>3</sup> Not determined. Not determined. Not determined.
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic at 20 °C: Kinematic:	4.5 mPas Not determined.
Solvent content: Organic solvents:	88.5 %
Solids content: 9.2 Other information	11.4 % The physical and chemical properties given in Section 9.1 are rough data only, which are partially derived from the component's data of t mixture. These data are no binding product specifications.

## 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: No dangerous decomposition products known.

## SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 val	· LD/LC50 values relevant for classification:			
71-23-8 pro	71-23-8 propan-1-ol			
Oral		8,000 mg/kg (rat)		
Dermal	LD50	4,000 mg/kg (rab)		
Inhalative	LC50/4 h	33.8 mg/l (rat)		
6358-36-7 0	6358-36-7 C.I. Basic Yellow 37			
Oral	LD50	3,160 mg/kg (rat)		
· Primary irritant effect:				

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation

Causes serious eye damage.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure
- May cause drowsiness or dizziness.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

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· Aspiration hazard Based on available data, the classification criteria are not met.

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### 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.
- $\cdot$  12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

# 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.

•	European	waste	catalogue	
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08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances

· Uncleaned packaging:

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

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

SECTION 14: Transport information	n	
· 14.1 UN-Number		
· ADR, IMDG, IATA	UN1263	
$\cdot$ 14.2 UN proper shipping name		
· ADR	1263 PAINT	
· IMDG, IATA	PAINT	
· 14.3 Transport hazard class(es)		
ADR		
· Class	3 (F1) Flammable liquids.	
· Label	3	
· IMDG, IATA		
· Class	2 Elemente la lientida	
· Label	3 Flammable liquids. 3	
	5	
· 14.4 Packing group · ADR, IMDG, IATA	III	
· 14.5 Environmental hazards:	***	
· 14.5 Environmental nazards: · Marine pollutant:	No	
-		
· 14.6 Special precautions for user	Warning: Flammable liquids.	
· Danger code (Kemler): · EMS Number:	30 E E C E	
EMS NUMBEI:	F-E, <u>S-E</u>	

according to 1907/2006/EC, Article 31



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· Stowage Category	А
<ul> <li>14.7 Transport in bulk according to Annex II Marpol and the IBC Code</li> </ul>	of Not applicable.
• Transport/Additional information:	
· ADR	
• Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: El
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
• Transport category	3
• Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
• Excepted quantities (EQ)	Code: El
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

# 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 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
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · National regulations:

### · Technical instructions (air):

 Class
 Share in %

 NK
 50-100

• Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

### SECTION 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. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness. · 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) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage ADR: ACCOLD GUIDECT ST. -of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association and 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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic Fil: relation() for accounting and very Bioaccumulative
Flam. Liq. 2: Flammable liquids - Category 2
Flam. Liq. 3: Flammable liquids - Category 3
Eye Dam. 1: Serious eye damage/eye irritation - Category 1
STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 \* Data compared to the previous version altered.