

Printing date 12.03.2013

Revision: 22.10.2012

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· Product identifier	
· Trade name: <u>HADALAN Topcoat M 12P, Komp. A</u>	
• Article number: 50238 B • Relevant identified uses of the substance or mixture and uses advised against • Application of the substance / the preparation 2-component matt-finish final sea	l.
• <b>Details of the supplier of the safety data sheet</b> • <b>Manufacturer/Supplier:</b> Heinrich Hahne GmbH & Co. KG Heinrich-Hahne-Weg 11 45711 Datteln	Tel.:02363/5663-0
<ul> <li>Further information obtainable from: Abteilung: Produktsicherheit Tel.: 02363 5663-0 EMail: info@hahne-bautenschutz.de</li> <li>Emergency telephone number: Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen, Tel.: 0551-19240</li> </ul>	
C Hazards identification • Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.	
Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008	
<ul> <li>Classification of the substance or mixture</li> <li>Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.</li> <li>Classification according to Directive 67/548/EEC or Directive 1999/45/EC</li> <li>Information concerning particular hazards for human and environment: Not a</li> <li>Classification system: The classification is according to the latest editions of the EU-lists, and extended</li> </ul>	

 $\cdot$  Chemical characterization: Mixtures

• Description: Solvent-free coating paint, Part A, based on a polyacrylate

· Dangerous components: Void

• Additional information: For the wording of the listed risk phrases refer to section 16.

# 4 First aid measures

- · Description of first aid measures
- · General information: Remove contaminated clothing immediately.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.

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- After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- *After swallowing:* Drink plenty of water and provide fresh air. Call for a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- $\cdot$  Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

### **5** Firefighting measures

- · Extinguishing media
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters During fire fighting respirator with independent air supply.

### 6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures Ensure adequate / vent care. Keep unauthorized persons away.*
- · Environmental precautions: 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).
- Reference to other sections No dangerous substances are released.

# 7 Handling and storage

· Handling:

· Precautions for safe handling Provide adequate ventilation when handling or transferring the product.

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:
- Keep container tightly closed in a cool, well-ventilated place.
- · Information about storage in one common storage facility: Store separate from eatables
- Further information about storage conditions: Protect from frost. Sensitive to heat from about 40 ° C.
- · Specific end use(s) No further relevant information available.

### 8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- · Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### 7664-41-7 ammonia, anhydrous (0.2%)

WEL Short-term value: 25 mg/m<sup>3</sup>, 35 ppm

Long-term value: 18 mg/m<sup>3</sup>, 25 ppm

· Additional information: The lists valid during the making were used as basis.

#### · Exposure controls

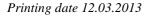
- · Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

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Bautenschutz Systeme

#### · Respiratory protection: Not required.

#### · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · 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.

Suitable protective gloves made from rubber, nitrile rubber, butyl rubber.

- *Recommendation: dispose of contaminated gloves.* • *Penetration 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.
- · Eye protection: Goggles recommended during refilling
- · Body protection: Protective clothing.

# 9 Physical and chemical properties

· Information on basic phys	ical and chemical properties
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· General Information

· General Information		
· Appearance:		
Form:	Fluid	
Colour:	According to product specification	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	
· pH-value at 20°C:	7.5	
· Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	100°C	
· Flash point:	> 100°C	
· Flammability (solid, gaseous):	Not applicable.	
· Ignition temperature:		
Decomposition temperature:	Not determined.	
· Self-igniting:	Product is not selfigniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Vapour pressure:	Not determined.	
· Density at 20°C:	1.05 g/cm <sup>3</sup>	
· Solubility in / Miscibility with		
water:	Fully miscible.	
· Segregation coefficient (n-octanol/w	ater): Not determined.	
· Viscosity:		
Dynamic at 20°C:	500 mPas	
Kinematic:	Not determined.	
• Other information	No further relevant information available.	

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### 10 Stability and reactivity

- · Reactivity
- · 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.
- *Incompatible materials:* No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

### **11** Toxicological information

- · Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect.
- $\cdot$  on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

# **12** Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- · Behaviour in environmental systems:
- *Bioaccumulative potential* No further relevant information available.
- *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 s
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- Other adverse effects No further relevant information available.

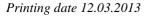
# 13 Disposal considerations

- Waste treatment methods
- · European waste catalogue

08 01 11\* waste paint and varnish containing organic solvents or other dangerous substances

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

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

4 Transport information	
· UN-Number	-
· UN proper shipping name	-
· Transport hazard class(es)	-
· Packing group	-
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex A MARPOL73/78 and the IBC Code	<b>II of</b> Not applicable.
· Transport/Additional information:	The preparation is not classified as dangerous according to international transport regulations.

# **15 Regulatory information**

· Safety, health and environmental regulations/legislation specific for the substance or mixture

- · National regulations:
- Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations
   The product is subject to Directive 2004/42/EC.
   EU limit value for the VOC content of this product is ready to use product: 140 g / l (2010).
   The product contains a ready to use product: <10 g / l VOC.</li>
- · 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.

• Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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