

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.10.2016

Version number 4

Revision: 23.04.2015

* **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

* **1.1 Product identifier**

* **Trade name** **Arte Mundit Typ II, III, V, Comp. A**

* **Article number:** 222023, 222025, 222028

* **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** Surface cleaning

* **1.3 Details of the supplier of the safety data sheet**

* **Manufacturer/Supplier:**

Remmers GmbH
Postfach 1255
D-49624 Lönningen / Germany
Tel.: +49(0)5432/83-0
Fax: +49(0)5432/3985

Remmers (UK) Limited
Unit B1 The Fleming Centre
West Sussex RH10 9NN
fon +44 (0) 1293 594 010
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* **Informing department:**

Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 1293 594 010
E-Mail: sales@remmers.co.uk

* **1.4 Emergency telephone number:**

during working hours:

U.K.: Tel.: +44 (0) 1293 594 010

sales@remmers.co.uk

Head Office Germany: Tel.: +49 (0)5432 83 187

info@remmers.de

after working hours: Tel.: +49 (0)171 21 34 091

24h-Transport Emergency Contact Phone Number:

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

Hädaabitelefoni number: Mürgistusteabekeskus: 16662

* **SECTION 2: Hazards identification**

* **2.1 Classification of the substance or mixture**

* **Classification according to Regulation (EC) No 1272/2008**

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

* **2.2 Label elements**

* **Labelling according to Regulation (EC) No 1272/2008**

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

* **Hazard pictograms** Void

* **Signal word** Void

* **Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

* **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

* **Additional information:**

EUH208 Contains zinc bis(dibutyl)dithiocarbamate). May produce an allergic reaction.

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* **2.3 Other hazards*** **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 the substances listed below with harmless additions.* **Dangerous components:**

CAS: 136-23-2	zinc bis(dibutyldithiocarbamate)	≤1.0%
EINECS: 205-232-8	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2,	
Index number: 006-081-00-9	H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	
CAS: 1314-13-2	zinc oxide	≤1.0%
EINECS: 215-222-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 030-013-00-7		
Reg.nr.: 01-2119463881-32-XXXX		
CAS: 1336-21-6	ammonia, aqueous solution	≤1.0%
EINECS: 215-647-6	Skin Corr. 1B, H314; Aquatic Acute 1, H400	
Index number: 007-001-01-2		

* **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 and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

* **After skin contact**

Wash immediately with water and soap and rinse thoroughly.

Wash off immediately with water.

* **After eye contact** Rinse opened eye for several minutes under running water.* **After swallowing**

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

* **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, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.* **5.2 Special hazards arising from the substance or mixture**

May be released in case of fire

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide

* **5.3 Advice for firefighters*** **Protective equipment:** No special measures required.* **SECTION 6: Accidental release measures*** **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Use breathing protection against the effects of fumes/dust/aerosol.

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*** 6.2 Environmental precautions:**

Do not allow to enter the ground/soil.
Dilute with plenty of water.

*** 6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of 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 information on disposal.

*** SECTION 7: Handling and storage***** 7.1 Precautions for safe handling**

Use only in well ventilated areas.
Ensure good ventilation/exhaust in workplaces.
Avoid the formation of aerosols.

*** Information about protection against explosions and fires:**

Traces of flammable substances may collect in the head spaces of enclosed systems. Keep ignition sources away.

*** 7.2 Conditions for safe storage, including any incompatibilities***** Storage**

*** Requirements to be met by storerooms and containers:** No special requirements.

*** Information on storage in a common storage facility:** none

*** Further information about storage conditions:**

None.
Store container in a well ventilated position.
Protect from frost.

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

*** SECTION 8: Exposure controls/personal protection**

*** Additional information about design of technical systems:** No further data; see item 7.

*** 8.1 Control parameters***** Components with limit values that require monitoring at the workplace:**

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

*** Additional information:** The lists that were valid during compilation were used as a basis.

*** 8.2 Exposure controls***** Personal protective equipment***** General protective and hygienic measures**

Immediately remove soiled, saturated clothing.
Wash hands before pauses and after work.
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.

*** Respiratory equipment:**

In case of brief exposure or low pollution load, use respiratory protection equipment with filter. In case of intensive or longer exposure, use self-contained respiratory protection equipment.

*** Protection of hands:**

Protective gloves.
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
Protective gloves or protective skin cream.

*** Material of gloves**

Nitrile rubber, NBR

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

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be checked prior to the application.

* **Penetration time of glove material** Break through time: max. 240 min (DIN EN 374).

* **Eye protection:**

Safety glasses recommended during refilling.
if there is a risk of splashes

* **Body protection:** Closed work clothing

* SECTION 9: Physical and chemical properties

* 9.1 Information on basic physical and chemical properties

* General Information

* Appearance:

Form: Pasty

Colour: milky

* **Odour:** Odourless

* **Odour threshold:** Not determined.

* **pH-value:** 9-11

* Change in condition

Melting point/Melting range: 0 °C

Boiling point/Boiling range: Not determined

* **Flash point:** Not applicable

* **Inflammability (solid, gaseous)** Not applicable.

* **Ignition temperature:** not applicable

* **Decomposition temperature:** Not determined.

* **Self-inflammability:** Product is not self-igniting.

* **Danger of explosion:** Product is not explosive.

* Explosive Limits:

Lower: Not determined.

Upper: Not determined.

* **Vapour pressure at 20 °C:** 30 hPa

* **Density at 20 °C** 0.94 g/cm³

* **Relative density** Not determined.

* **Vapour density** Not determined.

* **Evaporation rate** Not determined.

* Solubility in / Miscibility with

Water: Fully miscible

* **Distribution coefficient (n-octanol/water):** Not determined.

* Viscosity:

dynamic: Not determined.

kinematic: Not determined.

* **Solvent separation test** < 3 %

* **Organic solvents:** 0.0 %

* **9.2 Other information** No further relevant information available.

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.

No decomposition if handled and stored according to specifications.

* **10.3 Possibility of hazardous reactions** No dangerous reactions known

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- * **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 values that are relevant for classification:** No further relevant information available.
- * **Primary irritant effect:**
- * **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- * **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- * **Sensitisation:** Based on available data, the classification criteria are not met.
- * **CMR effects (carcinogenicity, 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** Based on available data, the classification criteria are not met.
- * **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- * **Aspiration hazard** Based on available data, the classification criteria are not met.

* 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.
- * **12.4 Mobility in soil** No further relevant information available.
- * **Additional ecological information:**
- * **General notes:** Do not allow product to reach ground water, bodies of water 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**
Do not dispose of together with household garbage. Do not allow product to reach sewage system.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.
- * **European waste catalogue**
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- * **Uncleaned packaging:**
- * **Recommendation:** Disposal must be made according to official regulations.
- * **Recommended cleaning agent:** Water, if necessary with cleaning agent.

* SECTION 14: Transport information

- * **14.1 UN-Number**
- * **ADR, ADN, IMDG, IATA** Void
- * **14.2 UN proper shipping name**
- * **ADR, ADN, IMDG, IATA** Void
- * **14.3 Transport hazard class(es)**
- * **ADR, ADN, IMDG, IATA**
- * **Class** Void
- * **14.4 Packing group**
- * **ADR, IMDG, IATA** Void

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- * **14.5 Environmental hazards:**
- * **Marine pollutant:** No
- * **14.6 Special precautions for user:** Not applicable.
- * **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable.
- * **Transport/Additional information:** Not a hazardous good according to the above regulations.
- * **UN "Model Regulation":** Void

* SECTION 15: Regulatory information

- * **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- * **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- * **National regulations**
- * **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.
- * **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

* **Relevant phrases**

H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

- * **Department issuing data specification sheet:** Product Safety department / EHS

* **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Skin Sens. 1: Skin sensitisation – Category 1
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3