



Safety Data Sheet

according to Regulation (EU) No. 1907/2006

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Print date: 11.10.2009

Product code: 445

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

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Use of the substance/preparation

Roller application or brushing of adhesive and other coating.
Adhesives, sealants, Dispersion

Company/undertaking identification

| | | |
|-------------------------|-------------------------|-------------------------------|
| Company name: | Renia - GmbH | |
| | Chemische Fabrik | |
| Street: | Ostmerheimer Straße 516 | |
| Place: | D-51109 Köln | |
| Post-office box: | 910 659 | |
| | D-51076 Köln | |
| Telephone: | +49-(0)221-630799-0 | Telefax: +49-(0)221-630799-50 |
| e-mail: | info@renia.com | |
| Contact person: | Herr Dr. Julian Grimme | Telephone: 17 |
| Internet: | www.renia.com | |
| Responsible Department: | F & E, Labor | |
| Emergency telephone: | +49-(0)221-63079924 | |

2. Hazards identification

Classification

This preparation is not classified as dangerous according to Directive 1999/45/EC.

Explication of special hazards for human health and environment

Irritating to eyes.

3. Composition/information on ingredients

Chemical characterization (Mixture)

approx. 40 % aqueous PUR-dispersion of various copolymerisates, resins, emulators and stabilizers

4. First aid measures

After inhalation

Remove from exposure, lie down. If symptoms persist, call a physician.

After contact with skin

Take off all contaminated clothing immediately. Wash off immediately with plenty of water.

After contact with eyes

Immediately flush eye(s) with plenty of water. If symptoms persist, call a physician.

After ingestion

Do not induce vomiting. Rinse mouth. Call a physician immediately.

Advice to doctor

Treat symptomatically.

5. Fire-fighting measures



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Suitable extinguishing mediacarbon dioxide (CO₂) dry chemical foam water spray**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

In the event of fire and/or explosion do not breathe fumes. In the event of fire dangerous gases may be formed.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Additional information

Use water spray to cool unopened containers. The product is not flammable.

6. Accidental release measures

Environmental precautions

Do not let product enter drains.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Dispose of as special waste in compliance with local and national regulations

7. Handling and storage

Handling**Advice on safe handling**

Use only in well-ventilated areas.

Further information on handling

Do not let product enter drains.

Storage**Requirements for storage rooms and vessels**

Keep at temperatures between 5 and 40°C. Perishable if frozen.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Exposure limit values**Exposure controls****Protective and hygiene measures**

Avoid contact with the skin and the eyes. When using do not eat or drink. When using do not smoke.

Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment. (gas filter type A2)

Hand protection

solvent-resistant gloves: nitrile rubber,

butyl-rubber, fluoroc rubber

Test suitability of gloves before use.

Eye protection

safety glasses



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9. Physical and chemical properties

General information

Physical state: liquid
Colour: white
Odour: mild amine-like

Important health, safety and environmental information

| | Test method |
|--------------------------------------|-----------------------------------|
| pH-Value (at 20 °C): | 7 - 8 |
| Changes in the physical state | |
| Melting point: | < -4 °C coagulation |
| Boiling point: | 100 °C DIN 53 171 |
| Flash point: | > 100 °C DIN 51 755 |
| Vapour pressure: (at 20 °C) | 23 hPa DIN EN 12 |
| | 1.02 g/cm ³ DIN 51 757 |
| Water solubility: (at 20 °C) | completely miscible |
| Viscosity / dynamic: (at 20 °C) | 1000 mPa·s DIN 53018 |

10. Stability and reactivity

Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information

Acute toxicity

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.

Specific effects in experiment on an animal

No data is available on the product itself.

Corrosive and irritant effects

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.

Sensitising effects

No data is available on the product itself.

Severe effects after repeated or prolonged exposure

Inhalation of vapours in high concentration can cause narcotic effects and metabolic acidosis.

Carcinogenic/mutagenic/toxic effects for reproduction

No data is available on the product itself.

12. Ecological information

Ecotoxicity

Can be eliminated from water by flocculation.

Mobility

No data is available on the product itself.



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Persistence and degradability

No data is available on the product itself.

Bioaccumulative potential

No data is available on the product itself.

Further information

Do not let product enter drains.

13. Disposal considerations

Contaminated packaging

Offer rinsed packaging material to local recycling facilities. Recycling of packaging materials (dual system).

14. Transport information

Land transport (ADR/RID)

ADR/RID class: Not dangerous goods

Description of the goods

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Inland waterways transport**Description of the goods**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Marine transport

IMDG code: Not dangerous goods

15. Regulatory information

Labelling**S phrases**

23 Do not breathe (gas/fumes/vapour/spray, appropriate wording to be specified by the manufacturer)

GHS labelling**EU regulatory information****Additional information**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

16. Other information

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.



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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)