

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Print date : 14.08.2007

Product code : 445

Page 1 of 4

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

Identification of the substance or preparation

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Use of the substance/preparation

adhesives aqueous 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)221-6307990 | Telefax : +49-(0)221-63079950 |
| e-mail : | info@renia.com | |
| Internet : | www.renia.com | |
| Inquiry office : | 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 (preparation)

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

Suitable extinguishing media

carbon dioxide (CO₂) dry chemical foam water spray

Special exposure hazards arriving 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.

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Print date : 14.08.2007

Product code : 445

Page 2 of 4

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

9. Physical and chemical properties

General information

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

Important health, safety and environmental information

Test method

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Print date : 14.08.2007

Product code : 445

Page 3 of 4

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 51 754

Density (at 20 °C) :

1.02 g/cm³ DIN 51 757

Water solubility :
(at 20 °C)

completely miscible

Viscosity / dynamic :
(at 20 °C)

1000 mPa·s DIN 53 015

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.

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).

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

445.000 RENIA - Aquilim =250= Dispersionsklebstoff

Print date : 14.08.2007

Product code : 445

Page 4 of 4

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)

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 : 1 - slightly water contaminating

16. Other information

Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.