

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830

450
Version 1.5

Aquilim 315 MV water-based dispersion
Revision date 26-Jan-2021

Print date 26-Jan-2021

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

1.1 Product identifier

450 Aquilim 315 MV water-based dispersion

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Adhesives, sealants

1.3 Details of the supplier of the safety data sheet

Supplier

Renia Gesellschaft mbH
Ostmerheimer Straße 516 Telephone: +492216307990
51109 Köln E-mail: info@renia.com
Deutschland Website: www.renia.com

Department responsible for information

E-mail (competent person) labor@renia.com

1.4 Emergency telephone number

Emergency telephone number Grimme: +49-221-630799-17
Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

not applicable

*

* **Signal word**

not applicable

* **Hazard statements**

not applicable

* **Precautionary Statements**

not applicable

* **Hazard components for labelling**

not applicable

* **Supplemental hazard information**

not applicable

2.3 Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

* **Description**

* aqueous polychloroprene dispersion

Hazardous ingredients

*

not applicable

* **Remark**

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Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

*** General information**

Remove affected person from the danger area and lay down.

*** Following inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

*** Following skin contact**

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

*** After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

*** After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

*** Self-protection of the first aider**

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

*** Symptoms**

No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Transport affected person in lying position, in case of shortness of breath in half-sitting position. Where appropriate artificial ventilation.

SECTION 5: Firefighting measures

5.1 Extinguishing media

*** Suitable extinguishing media**

Carbon dioxide (CO₂), alcohol resistant foam, Extinguishing powder, ABC-powder, spray mist, (water), Dry sand.

*** Unsuitable extinguishing media**

Full water jet. Strong water jet.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers. Remove product from area of fire. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. The product itself does not burn.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin. Use personal protection equipment.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3 Methods and material for containment and cleaning up

- * Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Safe handling: see section 7

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Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

* **Advices on safe handling**

Use only outdoors or in a well-ventilated area.

* **Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary.

* **Further information**

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

* **Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place. Store in a well-ventilated and dry room at temperatures between 10 °C and 30 °C. not useable after freezing.

* **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

* **Further information on storage conditions**

Floors should be impervious, resistant to liquids and easy to clean. Store small packages in a suitable, robust cabinet.

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

* **Occupational exposure limit values**

No data available

* **Biological limit values**

No data available

8.2 Exposure controls

No special measures are necessary.

* **Personal protection equipment**

* **Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filtering device (EN 14387). Use the following filter types for cleaning waste gases:

* **Hand protection**

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material: $\geq 0,4$ mm

* Breakthrough time (maximum wearing time): ≥ 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

* **Eye/face protection**

Wear closely fitting protective glasses in case of splashes.

* **Body protection**

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

* **Environmental exposure controls**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

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Physical state	liquid
Colour	whitish
Safety characteristics	
Odour	characteristic
Odour threshold	not determined
pH	6 - 9
Melting point/freezing point	4 °C
Initial boiling point and boiling range	100 °C
Flash point	> 500 °C
Evaporation rate at 20°C	not determined
Burning time (s)	not applicable
Lower explosion limit at 20°C	not applicable
Upper explosion limit at 20°C	not applicable
Vapour pressure at 20°C	23 mbar
Density at 20°C	1 kg/l
Water solubility (g/L) at 20°C	not determined
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	not applicable
Decomposition temperature	not determined
* Viscosity	1.600 mPas
Explosive properties	not relevant
Oxidising properties	not relevant

9.2 Other information

not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Frost

10.5 Incompatible materials

Acid, concentrated, Alkali (lye), concentrated, Solvent.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

* **Acute toxicity**

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

* **Skin corrosion/irritation**

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

* **Serious eye damage/eye irritation**

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

* **Respiratory or skin sensitisation**

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

* **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

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.

* **Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

SECTION 12: Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

* **Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

* **Waste codes/waste designations according to EWC/AVV**

080416 - aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15

* **Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1 UN number

not applicable

14.2 UN proper shipping name

* **Land transport (ADR/RID)**

No dangerous good in sense of these transport regulations.

* **Sea transport (IMDG)**

No dangerous good in sense of these transport regulations.

* **Air transport (ICAO-TI / IATA-DGR)**

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No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

not applicable

14.4 Packing group

not applicable

14.5 Environmental hazards

Land transport (ADR/RID) not applicable
Sea transport (IMDG) not applicable

14.6 Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. Advices on safe handling: see parts 6 - 8

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No transport as bulk according to IBC Code.

14.8 Additional information

* **Land transport (ADR/RID)**

not applicable

* **Sea transport (IMDG)**

not applicable

* **Air transport (ICAO-TI / IATA-DGR)**

not applicable

SECTION 15: Regulatory information

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

* **EU legislation**

* **Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

* **Directive 2010/75/EU on industrial emissions**

* VOC-value (in g/L): < 1 g/l

* **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

Hazard categories / Named dangerous substances

This product is not classified according to Directive 2012/18/EU.

* **National regulations**

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

not applicable

* **Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

not applicable

* **Abbreviations and acronyms**

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

* **Indication of changes**

* Data changed compared with the previous version