

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

320.000 Renia - Syntic =TOTAL= - PUR-Adhesive

Revision date: 05.07.2017

Product code: 320.000

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

320.000 Renia - Syntic =TOTAL= - PUR-Adhesive

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Adhesives, sealants
Roller application or brushing of adhesive and other coating.
Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|--|----------------------------|
| Company name: | Renia Gesellschaft mbH. Chemische Fabrik | |
| | D | |
| Street: | Ostmerheimer Straße 516 | |
| Place: | D-51109 Köln (Cologne) | |
| Post-office box: | 910659 | |
| | D-51076 Köln (Cologne) | |
| Telephone: | +49-221-630799-0 | Telefax: +49-221-630799-50 |
| e-mail: | info@renia.com | |
| Contact person: | Heinz Buchholz Dipl.Chem | Telephone: 16 |
| e-mail: | labor@renia.com | |
| Internet: | www.renia.com | |
| Responsible Department: | Labor 07:30 - 16:00 Uhr | |

1.4. Emergency telephone number:

+49-221-630799-0

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:
Flammable liquid: Flam. Liq. 2
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazard Statements:
Highly flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Classification according to Regulation (EC) No 1272/2008 [CLP]

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

acetone; propan-2-one; propanone
ethyl acetate
Xylene

Signal word: Danger

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Pictograms:



Hazard statements

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Precautionary statements

| | |
|-----------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P235 | Keep cool. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |

Special labelling of certain mixtures

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

Additional advice on labelling

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

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polyurethane-Prepolymers with stabilizers in a mixture of organic solvents

Hazardous components

| CAS No | Chemical name | Quantity |
|-----------|--|--------------|
| | EC No | Index No |
| | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| 67-64-1 | acetone; propan-2-one; propanone | 35 - < 40 % |
| | 200-662-2 | 606-001-00-8 |
| | 01-2119471330-49 | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 | |
| 141-78-6 | ethyl acetate | 25 - < 30 % |
| | 205-500-4 | 607-022-00-5 |
| | 01-2119475103-46 | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 | |
| 1330-20-7 | xylene | 10 - < 15 % |
| | 215-535-7 | 601-022-00-9 |
| | 01-2119488216-32 | |
| | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315 | |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

Remove affected person from the danger area and lay down.

After 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.

After contact with skin

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

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently 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.

4.2. Most important symptoms and effects, both acute and delayed

Dizziness. Nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated 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. Atomized water. Dry sand.

Unsuitable extinguishing media

High power water jet. High power water jet.

5.2. Special hazards arising from the substance or mixture

Flammable. Vapours can form explosive mixtures with air. In case of fire and/or explosion do not breathe fumes. In case of fire may be liberated: Hydrogen chloride (HCl). Burning produces heavy smoke.

5.3. Advice for firefighters

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

Additional information

Suppress gases/vapours/mists with water spray jet. 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.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapour/aerosol.

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 (e.g. 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

Personal protection equipment: see section 8

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Disposal: see section 13

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

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapours / aerosols must be extracted by suction immediately at point of origin. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Recommended storage temperature: 15-30 °C Ensure adequate ventilation of the storage area.

Advice on storage compatibility

Do not store together with: Oxidising agent, Pyrophoric or self-heating substances. Store packaging and combustible materials separately from one another. 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****Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|-----------|-----------------------|------|-------------------|-----------|---------------|--------|
| 67-64-1 | Acetone | 500 | 1210 | | TWA (8 h) | WEL |
| | | 1500 | 3620 | | STEL (15 min) | WEL |
| 141-78-6 | Ethyl acetate | 200 | - | | TWA (8 h) | WEL |
| | | 400 | - | | STEL (15 min) | WEL |
| 1330-20-7 | Xylene: mixed isomers | 50 | 220 | | TWA (8 h) | WEL |
| | | 100 | 441 | | STEL (15 min) | WEL |

Biological Monitoring Guidance Values (EH40)

| CAS No | Substance | Parameter | Value | Test material | Sampling time |
|-----------|-------------------------------------|----------------------|-----------------|---------------|---------------|
| 1330-20-7 | Xylene, o-, m-, p- or mixed isomers | methyl hippuric acid | 650 mmol/mol | urine | Post shift |

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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|----------------------------------|----------------|----------|------------------------|
| 67-64-1 | acetone; propan-2-one; propanone | | | |
| Worker DNEL, acute | | inhalation | systemic | 2420 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 1210 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 186 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 62 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 200 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 62 mg/kg bw/day |
| 141-78-6 | ethyl acetate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 1468 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 1468 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 63 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | local | 734 mg/m ³ |
| Consumer DNEL, acute | | inhalation | systemic | 734 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 734 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 37 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 367 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 4,5 mg/kg bw/day |
| Consumer DNEL, acute | | inhalation | local | 367 mg/m ³ |
| 1330-20-7 | xylene | | | |
| Consumer DNEL, long-term | | oral | systemic | 1,6 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 108 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | systemic | 180 mg/kg bw/day |
| Consumer DNEL, acute | | inhalation | local | 174 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 289 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 14,8 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 77 mg/m ³ |

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PNEC values

| CAS No | Substance | Value |
|--|----------------------------------|-------------|
| Environmental compartment | | |
| 67-64-1 | acetone; propan-2-one; propanone | |
| Freshwater | | 10,6 mg/l |
| Marine water | | 1,06 mg/l |
| Freshwater sediment | | 30,4 mg/kg |
| Marine sediment | | 3,04 mg/kg |
| Soil | | 29,5 mg/kg |
| 141-78-6 | ethyl acetate | |
| Freshwater | | 0,26 mg/l |
| Marine water | | 0,026 mg/l |
| Freshwater sediment | | 0,34 mg/kg |
| Marine sediment | | 0,034 mg/kg |
| Soil | | 0,22 mg/kg |
| 1330-20-7 | xylene | |
| Freshwater | | 0,327 mg/l |
| Freshwater (intermittent releases) | | 0,327 mg/l |
| Marine water | | 0,327 mg/l |
| Freshwater sediment | | 12,46 mg/kg |
| Marine sediment | | 12,46 mg/kg |
| Soil | | 2,31 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 6,58 mg/l |

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Before starting work, apply solvent-resistant skincare preparations.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Test suitability of gloves before use.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material : 0,5 mm

Breakthrough time (maximum wearing time) : >= 1 h

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.

Skin protection

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

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Wear anti-static footwear and clothing

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. With correct and proper use, and under normal conditions, breathing protection is not required. 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: A-P2

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**

Physical state: liquid
Colour: colourless, clear
Odour: ester

Test method

pH-Value: not applicable

Changes in the physical state

Melting point: not determined
Initial boiling point and boiling range: 56 °C DIN 53 171
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
Flash point: < -20 °C DIN 51 755
Sustaining combustion: No data available

Flammability

Solid: not applicable
Gas: not applicable

Explosive properties

Vapours can form explosive mixtures with air.

Lower explosion limits: 2,1 vol. %
Upper explosion limits: 14,3 vol. %
Ignition temperature: 460 °C DIN 51 794

Auto-ignition temperature

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: 246 hPa DIN EN 12
(at 20 °C)
Vapour pressure: 814 hPa
(at 50 °C)
Density (at 20 °C): 0,85 g/cm³ DIN 51 757
Bulk density: not applicable

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Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: (at 20 °C) 2000-3000 mPa·s DIN 53018

Viscosity / kinematic: not determined

Flow time: (at 20 °C) > 300 (3 mm)

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: 80,80 %

9.2. Other information

Solid content: 19,20 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

10.3. Possibility of hazardous reactions

Gas/vapour, highly flammable. Vapours can form explosive mixtures with air.

10.4. Conditions to avoidKeep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Decomposition takes place from temperatures above: > 150 °C**10.5. Incompatible materials**

Acid, concentrated. , Oxidizing agents, strong.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**Based on available data, the classification criteria are not met.
There are no data available on the preparation/mixture itself.

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| CAS No | Chemical name | | | | |
|-----------|----------------------------------|---------------|-----------|-----------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 67-64-1 | acetone; propan-2-one; propanone | | | | |
| | oral | LD50 mg/kg | 5800 | Ratte | RTECS |
| | dermal | LD50 mg/kg | 20000 | Kaninchen | IUCLID |
| | inhalative (4 h) vapour | LC50 | 76 mg/l | Ratte | |
| 141-78-6 | ethyl acetate | | | | |
| | oral | LD50 mg/kg | 5600 | Rat | |
| | dermal | LD50 mg/kg | 18000 | Rabbit | |
| | inhalative (4 h) vapour | LC50 | 58 mg/l | Rat | |
| 1330-20-7 | xylene | | | | |
| | oral | LD50 mg/kg | 8700 | Rat | |
| | dermal | LD50 mg/kg | 2000 | Rabbit | |
| | inhalative (4 h) vapour | LC50 | 6350 mg/l | Rat | |
| | inhalative aerosol | ATE | 1,5 mg/l | | |

Irritation and corrosivity

- Causes skin irritation.
- Causes serious eye irritation.
- Frequently or prolonged contact with skin may cause dermal irritation.

Sensitising effects

- Based on available data, the classification criteria are not met.
- There are no data available on the preparation/mixture itself.

Carcinogenic/mutagenic/toxic effects for reproduction

- Based on available data, the classification criteria are not met.
- There are no data available on the preparation/mixture itself.

STOT-single exposure

- May cause drowsiness or dizziness. (acetone; propan-2-one; propanone; ethyl acetate)
- There are no data available on the preparation/mixture itself.

STOT-repeated exposure

- Repeated exposure may cause skin dryness or cracking.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Inhalation causes narcotic effects/intoxication.

Aspiration hazard

- Based on available data, the classification criteria are not met.
- There are no data available on the preparation/mixture itself.

Specific effects in experiment on an animal

- There are no data available on the preparation/mixture itself.

Additional information on tests

- The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

- Product is easily volatile. Product is slightly soluble in test vehicle. An aqueous dispersion has been tested.



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| CAS No | Chemical name | | | | | |
|-----------|----------------------------------|---------------|-----------|---------|-------------------------------------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 67-64-1 | acetone; propan-2-one; propanone | | | | | |
| | Acute fish toxicity | LC50 mg/l | 5540 | 96 h | Onchorhynchus mykiss | |
| | Acute crustacea toxicity | EC50 mg/l | 6100 | 48 h | Daphnia magna | |
| 141-78-6 | ethyl acetate | | | | | |
| | Acute fish toxicity | LC50 | 230 mg/l | 96 h | Pimephales promelas | |
| | Acute algae toxicity | ErC50 mg/l | 3300 | 72 h | Scenedesmus subspicatus | |
| | Acute crustacea toxicity | EC50 | 717 mg/l | 48 h | Daphnia magna | |
| 1330-20-7 | xylene | | | | | |
| | Acute fish toxicity | LC50 | 26 mg/l | 96 h | Pimephales promelas | |
| | Acute algae toxicity | ErC50 | 4 mg/l | 72 h | Pseudokirchneriella subcaptitata | |
| | Acute crustacea toxicity | EC50 | 165 mg/l | 48 h | | |

12.2. Persistence and degradability

Product is biodegradable with difficulty.

| CAS No | Chemical name | | | |
|---------|----------------------------------|------------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 67-64-1 | acetone; propan-2-one; propanone | | | |
| | OECD 301 A-F | 60 BSB/CSB | 28 | |

12.3. Bioaccumulative potential

There are no data available on the preparation/mixture itself.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|----------------------------------|---------|
| 67-64-1 | acetone; propan-2-one; propanone | -0,24 |
| 141-78-6 | ethyl acetate | 0,6 |
| 1330-20-7 | xylene | 3 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|----------|---------------|-----|---------|--------|
| 141-78-6 | ethyl acetate | 30 | | |

12.4. Mobility in soil

There are no data available on the preparation/mixture itself.

12.5. Results of PBT and vPvB assessment

There are no data available on the preparation/mixture itself.

12.6. Other adverse effects

There are no data available on the preparation/mixture itself.

Further information

The statement is derived from the properties of the components.

Avoid release to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

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Advice on disposal

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Waste disposal number of used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Dispose according to legislation. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives (Acetone)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 640H
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 33
Tunnel restriction code: D/E

Other applicable information (land transport)

Additional information on classification : 2.2.3.1.4 ADR / GGVSEB

Inland waterways transport (ADN)

14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3

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Classification code: F1
 Special Provisions: 640H
 Limited quantity: 5 L
 Excepted quantity: E1

Other applicable information (inland waterways transport)

Additional information on classification : 2.2.3.1.4 ADR / GGVSEB

Marine transport (IMDG)

14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives (Aceton)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Marine pollutant: No
 Special Provisions: 223, 955
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-D

Other applicable information (marine transport)

Additional information on classification : 2..3.2.2 IMDG-Code

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Special Provisions: A3
 Limited quantity Passenger: 10 L
 Passenger LQ: Y344
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 355
 IATA-max. quantity - Passenger: 60 L
 IATA-packing instructions - Cargo: 366
 IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

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EU regulatory information

2010/75/EU (VOC): 100 % (850 g/l)

2004/42/EC (VOC): 100 % (850 g/l)

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

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

15.2. Chemical safety assessment

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

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,11.

Abbreviations and acronymsADR: 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 Harmonized 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

| Classification | Classification procedure |
|---------------------|--------------------------|
| Flam. Liq. 2; H225 | On basis of test data |
| Skin Irrit. 2; H315 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| STOT SE 3; H336 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

320.000 Renia - Syntic =TOTAL= - PUR-Adhesive

Revision date: 05.07.2017

Product code: 320.000

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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.)

NZ Agents:

Footcom NZ Ltd
84 Victoria Street
Petone
Wellington
New Zealand

Tel: 04 569 3680
sales@footcom.co.nz

Emergency Telephone

Poison Centre: 0800 764 766

ADDENDUM TO SAFETY DATA SHEET

This SDS is prepared in the internationally recognised GHS format. This addendum provides information specifically for this product for New Zealand and should not be detached but rather read in conjunction with the SDS which follows and remains integral to the attached SDS.

| Identification | | | |
|--|---|---------------|------------|
| Product Name | Renia Syntic Total PUR Adhesive | | |
| SDS Reference | 320.000 | Date of Issue | 02/04/2020 |
| Page 00 of 14 | | | |
| Supplement to Section 1: Identification to the material and the supplier | | | |
| Company | Footcom NZ Ltd | | |
| New Zealand Address | 84 Victoria Street, Petone, Lower Hutt, Wellington 5012 | | |
| Telephone | 04 569 3680 | | |
| Emergency – NZ | 04 569 3680 (24 hour) or 0800 POISON (764 766) | | |
| Supplement to Section 2: Hazard Identification | | | |
| Hazardous nature | H225 Highly Flammable Liquid and Vapour | | |
| GHS Classification | H315 Causes Skin Irritation H319 Causes Serious Eye Irritation | | |
| HSNO Status | Hazardous according to HSNO in New Zealand | | |
| HSNO Classification | 3.1B | | |
| Supplement to Section 15: Regulatory Information | | | |
| Group Standard | ERMA Group – HSR002662 | | |
| Other | - | | |
| Authorised Signature and Date | | | |
| 2.04.2020 | <i>Kelower</i> | | |