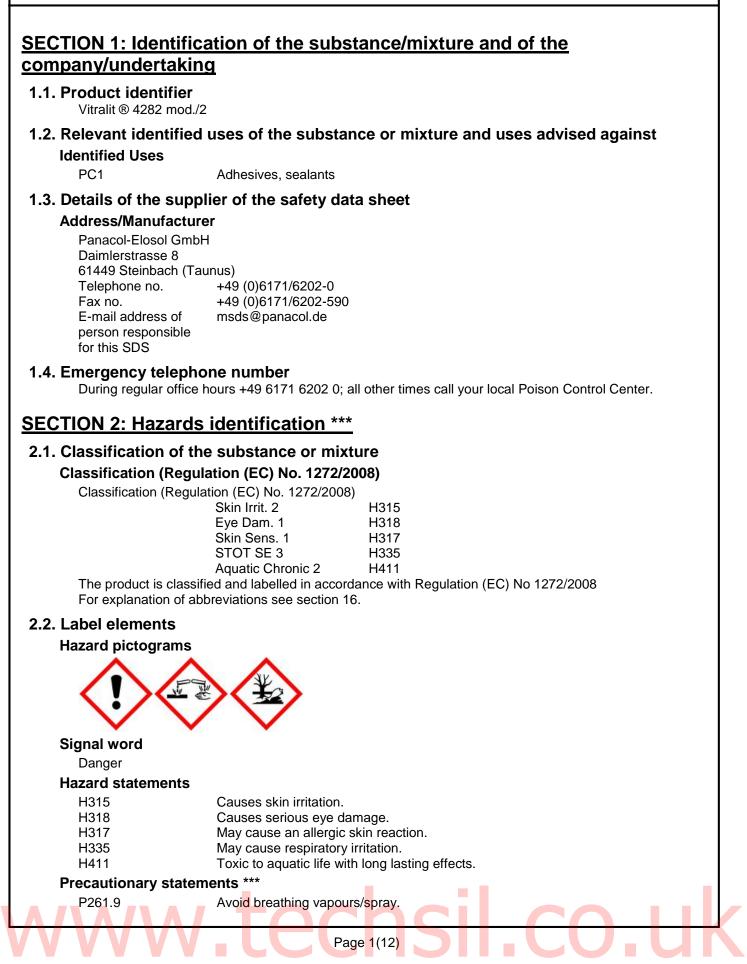
Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Vitralit ® 4282 mod./2

Version: 3 / GB Replaces Version: 2 / GB Date revised: 18.04.2017 Print date: 06.06.2017



| -                                       | e with regulation (EC) No <sup>2</sup>      |   | adhesives & more             |
|---|---|---|------------------------------|
| rade name: Vitralit ® 4282 m            |   |   | Date revised: 18.04.2017     |
|   | Replaces                                    | s Version: 2/GB   | Print date: 06.06.2017       |
| P273                                    | Avoid release to the env                    | rironment.  |                              |
| P280                                    |   | protective clothing/eye pro   |                              |
| P304+P340                               |   |   | p comfortable for breathing. |
| P305+P351+P338                          |   |   | al minutes. Remove contact   |
| P310                                    | Immediately call a POIS                     | asy to do. Continue rinsing   | J.                           |
|   | nt(s) to be indicated or                    |   | C) No. 1272/2008)            |
| contains                                | .,  | thyl methacrylate;Maleic a  |                              |
| 2.3. Other hazards                      | - <b>, , , , , , , , , ,</b>                | ,,, |                              |
| No special hazards ha                   | ave to be mentioned.                        |   |                              |
|   |   |   |                              |
| SECTION 3: Compos                       | ition/information                           | <u>on ingredients</u>   |                              |
| Hazardous ingredien                     | ts (Regulation (EC) No                      | o. 1272/2008)   |                              |
| Isobornyl acrylate                      |   |   |                              |
| CAS No.                                 | 5888-33-5                                   |   |                              |
| EINECS no.                              | 227-561-6                                   |   |                              |
| Concentration<br>Classification (Regula | >= 25 < 50 %<br>ation (EC) No. 1272/2008)   |   |                              |
|   | Aquatic Chronic 2                           | H411  |                              |
|   | Skin Irrit. 2                               | H315  |                              |
|   | Eye Irrit. 2                                | H319  |                              |
|   | STOT SE 3                                   | H335  |                              |
| 2-Hydroxyethyl metha                    | crvlate                                     |   |                              |
| CAS No.                                 | 868-77-9                                    |   |                              |
| EINECS no.                              | 212-782-2                                   |   |                              |
| Registration no.                        | 01-2119490169-29                            |   |                              |
| Concentration                           | >= 10 < 25 %                                |   |                              |
| Classification (Regula                  | tion (EC) No. 1272/2008)<br>Eye Irrit. 2    | H319  |                              |
|   | Skin Sens. 1                                | H317  |                              |
|   | Skin Irrit. 2                               | H315  |                              |
| A amulia a a id                         |   |   |                              |
| Acrylic acid<br>CAS No.                 | 79-10-7                                     |   |                              |
| EINECS no.                              | 201-177-9                                   |   |                              |
| Registration no.                        | 01-2119452449-31                            |   |                              |
| Concentration                           | >= 3 < 5 %                                  |   |                              |
| Classification (Regula                  | tion (EC) No. 1272/2008)                    |   |                              |
|   | Aquatic Acute 1                             | H400  |                              |
|   | Flam. Liq. 3<br>Acute Tox. 4                | H226<br>H332  |                              |
|   | Acute Tox. 4                                | H312  |                              |
|   | Acute Tox. 4                                | H302  |                              |
|   | Skin Corr. 1A                               | H314  |                              |
|   | Eye Dam. 1                                  | H318  |                              |
|   | Aquatic Chronic 2                           | H411  |                              |
| Concentration limits (                  | Regulation (EC) No. 1272/<br>STOT SE 3 H335 |   |                              |
| Additional remarks:                     |   |   |                              |
| CLP                                     |   | 2/2008, Annex VI, Note D  | )                            |
| DSD                                     | Directive 67/548/EEC, A                     | nnex I, Note D  |                              |
| 2,2-Dimethoxy-1,2-dip<br>CAS No.        | henylethan-1-one<br>24650-42-8              | 1   |                              |
|   | 2-TUUU-TZ-U                                 | holl  |                              |

| rade name: Vitralit ® 4282 mod./2 | Versio                              | n: 3/GB                 | Date revised: 18.04.201 |
|-----------------------------------|-------------------------------------|-------------------------|-------------------------|
|                                   | Replac                              | es Version: 2/GB        | Print date: 06.06.201   |
| EINECS no. 246                    | 6-386-6                             |                         |                         |
|                                   | 2120000336-73                       |                         |                         |
|                                   | 2,5 < 10 %                          |                         |                         |
| Classification (Regulation (      |                                     |                         |                         |
|                                   | ite Tox. 4<br>OT RE 2               | H302<br>H373            |                         |
|                                   | Jatic Chronic 1                     | H410                    |                         |
|                                   |                                     |                         |                         |
| Maleic acid                       | 107                                 |                         |                         |
|                                   | )-16-7                              |                         |                         |
|                                   | 3-742-5<br>2119488705-25            |                         |                         |
| 5                                 | 0,1 < 1 %                           |                         |                         |
| Classification (Regulation (      |                                     | 3)                      |                         |
|                                   | n Sens. 1                           | H317                    |                         |
|                                   | e Irrit. 2                          | H319                    |                         |
|                                   | OT SE 3                             | H335                    |                         |
|                                   | n Irrit. 2                          | H315                    |                         |
| Acu                               | ite Tox. 4                          | H302                    |                         |
| Concentration limits (Regu        | lation (EC) No. 127<br>n Sens. 1 H3 |                         |                         |
| Cumene Hydroperoxide              |                                     |                         |                         |
|                                   | 15-9                                |                         |                         |
|                                   | I-254-7                             |                         |                         |
|                                   | 0,1 < 1 %                           |                         |                         |
| Classification (Regulation (      |                                     |                         |                         |
|                                   | OT RE 2<br>n Corr. 1B               | H373                    |                         |
|                                   | ite Tox. 4                          | H314<br>H302            |                         |
|                                   | ite Tox. 4                          | H312                    |                         |
|                                   | ite Tox. 3                          | H331                    |                         |
| Org                               | J. Perox. E                         | H242                    |                         |
| Aqu                               | uatic Chronic 2                     | H411                    |                         |
| Concentration limits (Regu        | lation (EC) No. 127                 | 2/2008)                 |                         |
|                                   | e Dam. 1 H3                         |                         |                         |
|                                   | OT SE 3 H3                          |                         |                         |
|                                   |                                     | 14 >= 10<br>19 >= 1 < 3 |                         |
|                                   | e Irrit. 2 H3<br>n Irrit. 2 H3      |                         |                         |
|                                   |                                     |                         |                         |
| SECTION 4: First aid me           | asures                              |                         |                         |

measures when giving first aid. In any case show the physician the Safety Data Sheet.

#### After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

#### After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

Page 3(12)

#### After ingestion

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Vitralit ® 4282 mod./2

Version: 3 / GB Replaces Version: 2 / GB Date revised: 18.04.2017 Print date: 06.06.2017

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

#### Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

- **4.2. Most important symptoms and effects, both acute and delayed** Until now no symptoms known so far.
- 4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

# **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

Dry powder, Carbon dioxide, Foam

#### Non suitable extinguishing media

Full water jet

# 5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

## 5.3. Advice for firefighters

## Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

# SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

## 6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

## 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

## Advice on safe handling

Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed. Observe the usual precautions for handling chemicals.

Page 4(12)

# 7.2. Conditions for safe storage, including any incompatibilities

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Vitralit ® 4282 mod./2

Version: 3 / GB Replaces Version: 2 / GB

Date revised: 18.04.2017 Print date: 06.06.2017

# Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

## Storage class according to TRGS 510

Storage class according to 10 Flammable liquids TRGS 510

## Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## **Exposure limit values**

#### Isopropylbenzene

| Value<br>Short term exposure limit | 100<br>250 | mg/m³<br>mg/m³ | 20<br>50 | ppm(V)<br>ppm(V) |
|------------------------------------|------------|----------------|----------|------------------|
| <b>Isopropylbenzene</b><br>Value   | 125        | mg/m³          | 25       | ppm(V)           |
| Short term exposure limit          | 375        | mg/m³          | 75       | ppm(V)           |

#### Other information

There are not known any further control parameters.

# 8.2. Exposure controls

## General protective and hygiene measures

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

## **Respiratory protection**

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, Filter A

## Hand protection

Chemical resistant gloves

| Use                  | Short   | -term han | d contact |
|----------------------|---------|-----------|-----------|
| Appropriate Material | nitrile |           |           |
| Material thickness   | >=      | 0,4       | mm        |
| Breakthrough time    | >       | 480       | min       |
|                      |         |           |           |

## Eye protection

Safety glasses with side protection shield

#### **Body protection**

Clothing as usual in the chemical industry.

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

| Form            | liquid         |
|-----------------|----------------|
| Colour          | light green    |
| Odour           | characteristic |
| Odour threshold |                |
| Remarks         | not determined |

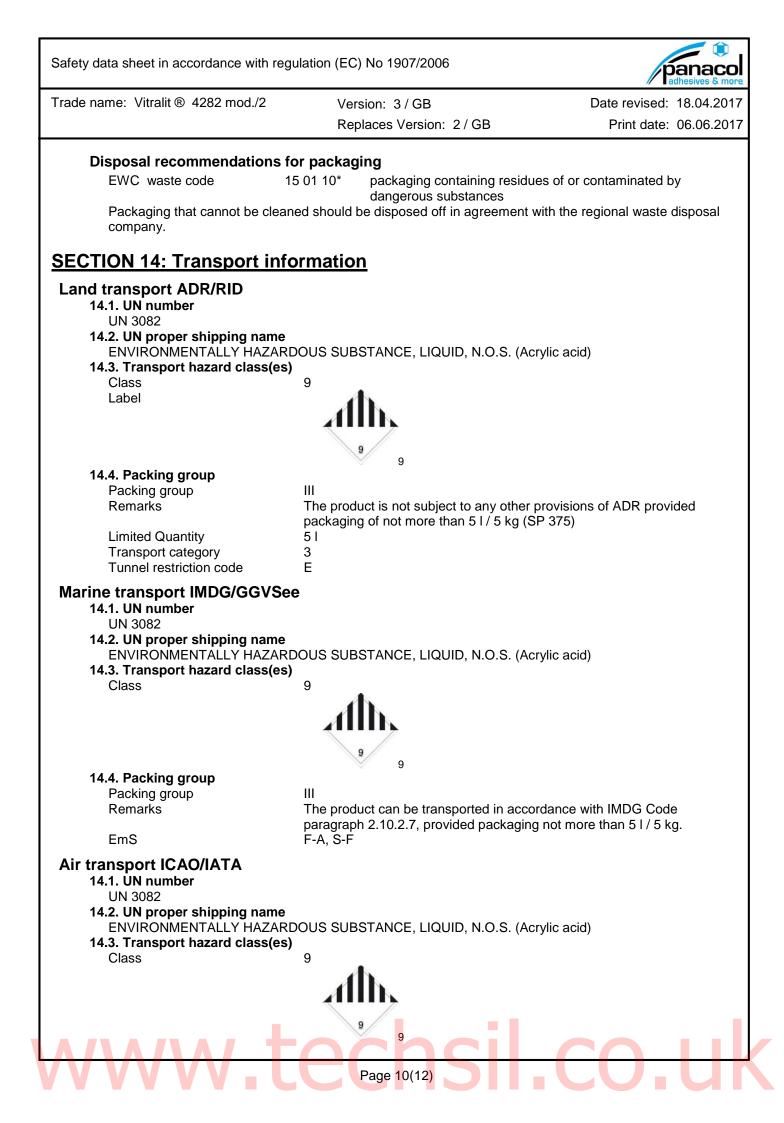
Page <mark>5</mark>(12)

| <b>pH value</b><br>Remarks                  |                            |    |       | Date revised: 18.04.201<br>Print date: 06.06.201 |  |
|---|----------------------------|----|-------|--|--|
| Remarks                                     |                            |    |       |  |  |
|   | not determined             |    |       |  |  |
| Melting point                               |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Freezing point                              |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Initial boiling point and boili<br>Remarks  | ng range<br>not determined |    |       |  |  |
|   | not determined             |    |       |  |  |
| Flash point<br>Value                        | > 100                      |    | °C    |  |  |
| Evaporation rate (ether = 1)                |                            |    | C     |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Flammability (solid, gas)<br>not determined |                            |    |       |  |  |
| Upper/lower flammability or                 | evolosive limits           |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Vapour pressure                             | not determined             |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Vapour density                              |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Density                                     |                            |    |       |  |  |
| Value                                       | 1,1                        |    | g/cm³ |  |  |
| Temperature                                 | 25                         | °C |       |  |  |
| Solubility in water                         |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Solubility(ies)                             |                            |    |       |  |  |
| Remarks<br>Partition coefficient: n-octar   | not determined             |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Ignition temperature                        | not determined             |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Decomposition temperature                   |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Viscosity                                   |                            |    |       |  |  |
| dynamic                                     |                            |    |       |  |  |
| Value                                       | 600                        |    | mPa.s |  |  |
| Temperature                                 | 25                         | °C |       |  |  |
| Explosive properties                        |                            |    |       |  |  |
| evaluation                                  | not determined             |    |       |  |  |
| Oxidising properties                        |                            |    |       |  |  |
| Remarks                                     | not determined             |    |       |  |  |
| Other information                           |                            |    |       |  |  |
| Other information<br>None known             |                            |    |       |  |  |

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Vitralit ® 4282 mod./2 Date revised: 18.04.2017 Version: 3 / GB Print date: 06.06.2017 Replaces Version: 2 / GB 10.1. Reactivity No hazardous reactions when stored and handled according to prescribed instructions. 10.2. Chemical stability No hazardous reactions known. 10.3. Possibility of hazardous reactions No hazardous reactions known. 10.4. Conditions to avoid No hazardous reactions known. **Decomposition temperature** Remarks not determined **10.5.** Incompatible materials None known **10.6.** Hazardous decomposition products Irritant gases/vapours SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute oral toxicity ATE 10.000 mg/kg Method calculated value according to GHS (e.g see UN GHS) Acute oral toxicity (Components) 2,2-Dimethoxy-1,2-diphenylethan-1-one Species rat LD50 1694 mg/kg > Acrylic acid Species rat LD50 1500 mg/kg Acute dermal toxicity ATE 10.000 mg/kg > Method calculated value according to GHS (e.g see UN GHS) Acute dermal toxicity (Components) 2,2-Dimethoxy-1,2-diphenylethan-1-one Species rat LD50 5000 mg/kg > Acrylic acid Species rabbit LD50 2000 mg/kg >= Acute inhalational toxicity ATE 82,8923 mg/l Administration/Form Vapors calculated value according to GHS (e.g see UN GHS) Method ATE 20 mg/l > Administration/Form Dust/Mist Method calculated value according to GHS (e.g see UN GHS) Acute inhalative toxicity (Components) Acrylic acid Species rat LC50 >= 5,1 mg/l Page 7(12)

| fety data sheet in accordance with r            | egulation (EC)            | No 1907/2   | 2006       |             | Ē             | anaco      |
|---|---------------------------|-------------|------------|-------------|---------------|------------|
| ade name: Vitralit ® 4282 mod./2                | Vers                      | sion: 3/G   | B          |             | Date revised: | 18.04.2017 |
|   | Replaces Version: 2 / GB  |             |            | iΒ          | Print date:   | 06.06.2017 |
| Duration of exposure<br>Administration/Form     | 4<br>Vapors               | h           |            |             |               |            |
| Skin corrosion/irritation<br>Remarks            | not determine             | èd          |            |             |               |            |
| Serious eye damage/irritati                     | ion                       |             |            |             |               |            |
| Remarks   | not determine             | ∋d          |            |             |               |            |
| Sensitization                                   |                           |             |            |             |               |            |
| Remarks   | not determine             | ∋d          |            |             |               |            |
| Sensitization (Components                       | 3)                        |             |            |             |               |            |
| Acrylic acid<br>evaluation                      | non-sensitizir            | ıg          |            |             |               |            |
| Subacute, subchronic, chr                       | onic toxicity             |             |            |             |               |            |
| Remarks   | not determine             | ∋d          |            |             |               |            |
| Mutagenicity                                    |                           |             |            |             |               |            |
| Remarks   | not determine             | эd          |            |             |               |            |
| Reproductive toxicity                           |                           |             |            |             |               |            |
| Remarks   | not determine             | эd          |            |             |               |            |
| Carcinogenicity                                 |                           |             |            |             |               |            |
| Remarks   | not determine             | )d          |            |             |               |            |
| Specific Target Organ Toxi<br>Remarks           |                           | . d         |            |             |               |            |
| Experience in practice                          | not determine             | ju          |            |             |               |            |
| Inhalation may lead to irritati                 | on of the respir          | atory tract |            |             |               |            |
| Other information                               |                           |             |            |             |               |            |
| No toxicological data are ava                   | ailable.                  |             |            |             |               |            |
|   |                           |             |            |             |               |            |
| <u>ECTION 12: Ecological i</u><br>2.1. Toxicity | <u>nformatio</u>          | <u>n</u>    |            |             |               |            |
| General information<br>not determined           |                           |             |            |             |               |            |
| Fish toxicity (Components)                      | Ň                         |             |            |             |               |            |
|   | -                         |             |            |             |               |            |
| 2,2-Dimethoxy-1,2-diphenyle<br>Species          | Bluegill (Lepo            | omis macro  | ochirus)   |             |               |            |
| LC50  | 6                         |             | ,          | mg/l        |               |            |
| Duration of exposure                            | 96                        | h           |            |             |               |            |
| Acrylic acid                                    | rainhow trout             | (Oncorby)   | achus mul  | vice)       |               |            |
| Species<br>LC50                                 | rainbow trout<br>= 27     | Oncomy      | ICHUS HIYK | mg/l        |               |            |
| Duration of exposure                            | 96                        | h           |            | 3           |               |            |
| Daphnia toxicity (Compone                       | ents)                     |             |            |             |               |            |
| 2,2-Dimethoxy-1,2-diphenyle                     |                           |             |            |             |               |            |
| Species   | Daphnia mag               | na          |            | ···· · · // |               |            |
| EC50<br>Duration of exposure                    | 26<br>24                  | h           |            | mg/l        |               |            |
|   |                           |             |            |             |               |            |
| Acrylic acid                                    |                           | na          |            |             |               |            |
| Species   | Daphnia mag               |             |            | -           |               |            |
|   | Daphnia mag<br>= 47<br>48 | to<br>h     | 95         | mg/l        |               |            |

| rade name: Vitralit ® 4282 mod./2     | Ver            | rsion: 3/GB                     |   | Date revised: 18    | 3.04.2017 |
|---------------------------------------|----------------|---------------------------------|---|---------------------|-----------|
|                                       |                | places Version: 2/              | GB  | Print date: 06      |           |
| Algae toxicity (Components            | s)             |                                 |   |                     |           |
| 2,2-Dimethoxy-1,2-diphenyle           | than-1-one     |                                 |   |                     |           |
| Species                               |                | us subspicatus                  | ··· /1  |                     |           |
| EC50<br>Duration of exposure          | 0,17<br>72     | ,<br>h                          | mg/l  |                     |           |
| Acrylic acid                          |                |                                 |   |                     |           |
| Species                               |                | us subspicatus                  | "   |                     |           |
| ErC50<br>Duration of exposure         | = 0,13<br>72   | 3<br>h                          | mg/l  |                     |           |
| Bacteria toxicity (Compone            |                |                                 |   |                     |           |
| 2,2-Dimethoxy-1,2-diphenyle           | -              |                                 |   |                     |           |
| Species                               | activated slu  |                                 |   |                     |           |
| EC50<br>Duration of exposure          | > 100          | h                               | mg/l  |                     |           |
|                                       | Ū              | П                               |   |                     |           |
| 12.2. Persistence and degrad          | ability        |                                 |   |                     |           |
| General information<br>not determined |                |                                 |   |                     |           |
| Chemical oxygen demand (              |                | nonents)                        |   |                     |           |
| Acrylic acid                          |                | iponentaj                       |   |                     |           |
| Value                                 | = 1,48         | 3                               | kg/kg   |                     |           |
| Biochemical oxygen demai              |                |                                 |   |                     |           |
| Acrylic acid                          |                |                                 |   |                     |           |
| Value                                 | = 0,31         |                                 | kg/kg   |                     |           |
| 12.3. Bioaccumulative potent          | ial            |                                 |   |                     |           |
| General information                   |                |                                 |   |                     |           |
| not determined                        |                |                                 |   |                     |           |
| Partition coefficient: n-octa         |                |                                 |   |                     |           |
| Remarks                               | not deter      | mined                           |   |                     |           |
| 12.4. Mobility in soil                |                |                                 |   |                     |           |
| General information                   |                |                                 |   |                     |           |
| not determined                        |                |                                 |   |                     |           |
| 12.5. Results of PBT and vPv          | B assessn      | nent                            |   |                     |           |
| General information<br>not determined |                |                                 |   |                     |           |
| 12.6. Other adverse effects           |                |                                 |   |                     |           |
| General information                   |                |                                 |   |                     |           |
| not determined                        |                |                                 |   |                     |           |
| General information / ecolo           | gy             |                                 |   |                     |           |
| Do not allow to enter soil, wa        | terways or wa  | aste water canal. A             | void release into the   | atmosphere.         |           |
| ECTION 12. Disposal co                | ncidorati      | <u> </u>                        |   |                     |           |
| SECTION 13: Disposal co               |                | 0115                            |   |                     |           |
| 13.1. Waste treatment metho           |                |                                 |   |                     |           |
| Disposal recommendations              | -              |                                 |   |                     |           |
| EWC waste code                        | 08 04 09*      | or ot <mark>h</mark> er dangero | s and sealants conta<br>ous <mark>su</mark> b <mark>st</mark> ances | ining organic solve | ents      |
| Dispose of waste according            | o applicable l | legislation.                    |   |                     |           |



| afety data sheet in accordance with r                         | egulation (EC) N   | lo 1907/20                | 06          |                  | F                  | adhesives & |  |
|---|--|---------------------------|-------------|------------------|--------------------|-------------|--|
| rade name: Vitralit ® 4282 mod./2                             | Versio   | on: 3/GB                  |             | Date revised:    | 18.04.2            |             |  |
|   | Repla  | ces Versio                | n: 2/G      | В                | Print date:        | 06.06.2     |  |
| 14.4. Packing group   |  |                           |             |                  |                    |             |  |
| Packing group   | Ш  |                           |             |                  |                    |             |  |
| Remarks   |  | t is not sub              | iect to a   | ny other provis  | ions of IATA prov  | vided       |  |
| Romano  |  |                           |             | / 5 kg (A197)    |                    | laba        |  |
| ECTION 15: Regulatory i                                       | informatior  | <u>1</u>                  |             |                  |                    |             |  |
| 15.1. Safety, health and envir                                |  |                           | s/legis     | lation speci     | fic for the sub    | ostance     |  |
| or mixture  |  |                           |             |                  |                    |             |  |
| VOC   | 0  | 0/                        | 0           | /1               |                    |             |  |
| VOC (EU)  | 0  | %                         | 0           | g/l              |                    |             |  |
| 15.2. Chemical safety assess<br>For this preparation a chemic |  | sment has                 | not beer    | n carried out.   |                    |             |  |
| ECTION 16: Other inform                                       | nation   |                           |             |                  |                    |             |  |
| Hazard statements listed in                                   |  |                           |             |                  |                    |             |  |
| H226  | Flammable liqu   | lid and var               | our.        |                  |                    |             |  |
| H242  | Heating may ca   |                           |             |                  |                    |             |  |
| H302  | Harmful if swal  |                           |             |                  |                    |             |  |
| H312  | Harmful in cont  |                           | in          |                  |                    |             |  |
| H312  |  |                           |             | a domogo         |                    |             |  |
| H314<br>H315  | Causes severe  |                           | s and ey    | e damage.        |                    |             |  |
|   | Causes skin irr  |                           |             | -                |                    |             |  |
| H317  | May cause an   |                           |             | on.              |                    |             |  |
| H318  | Causes serious   |                           |             |                  |                    |             |  |
| H319  | Causes serious   |                           | ion.        |                  |                    |             |  |
| H331  | Toxic if inhaled   |                           |             |                  |                    |             |  |
| H332  | Harmful if inhal   |                           |             |                  |                    |             |  |
| H335  | May cause res  |                           |             |                  |                    |             |  |
| H373  |  |                           | gans thro   | ough prolonged   | l or repeated expo | osure:      |  |
| H400  | Very toxic to a  |                           |             |                  |                    |             |  |
| H410  | Very toxic to aquatic life with long lasting effects.          |                           |             |                  |                    |             |  |
| H411<br>OLD settemeniae listed in Ob                          | Toxic to aquati  | c life with l             | ong lasti   | ng effects.      |                    |             |  |
| CLP categories listed in Ch                                   |  | 0 - 1 0                   |             |                  |                    |             |  |
| Acute Tox. 3  | Acute toxicity,  |                           |             |                  |                    |             |  |
| Acute Tox. 4  | Acute toxicity,  |                           |             |                  |                    |             |  |
| Aquatic Acute 1   | Hazardous to t   |                           |             |                  |                    |             |  |
| Aquatic Chronic 1   | Hazardous to t   |                           |             |                  |                    |             |  |
| Aquatic Chronic 2   | Hazardous to t   |                           |             | ment, chronic, ( | Category 2         |             |  |
| Eye Dam. 1  | Serious eye da   |                           | egory 1     |                  |                    |             |  |
| Eye Irrit. 2  | Eye irritation, C  |                           |             |                  |                    |             |  |
| Flam. Liq. 3  | Flammable liqu   |                           |             |                  |                    |             |  |
| Org. Perox. E   | Organic peroxide, Type E                                       |                           |             |                  |                    |             |  |
| Skin Corr. 1A   | Skin corrosion, Category 1A                                    |                           |             |                  |                    |             |  |
| Skin Corr. 1B   | Skin corrosion, Category 1B                                    |                           |             |                  |                    |             |  |
| Skin Irrit. 2   | Skin irritation, Category 2                                    |                           |             |                  |                    |             |  |
| Skin Sens. 1  | Skin sensitization, Category 1                                 |                           |             |                  |                    |             |  |
| STOT RE 2   | Specific target organ toxicity - repeated exposure, Category 2 |                           |             |                  |                    |             |  |
| STOT SE 3   | Specific target  | organ toxid               | city - sing | gle exposure, C  | Category 3         |             |  |
| Department issuing safety<br>Department product safety        | data sheet   |                           |             |                  |                    |             |  |
| Supplemental information                                      |  |                           |             |                  |                    |             |  |
|   | with the previou   | is version (              | of the sa   | fety data sheet  | are marked with    | . ***       |  |
| Relevant changes compared                                     |  |                           | 51 110 00   |                  |                    |             |  |
| Relevant changes compared<br>This information is based on     |  |                           |             |                  | d not constitute a |             |  |
|   | our present stat   | e of <mark>k</mark> nowle | edge. Ho    | owever, it shoul |                    |             |  |

| Safety data sheet in accordance with regul | ation (EC) No 1907/2006  | panaco<br>adhesives & more |
|--|--------------------------|----------------------------|
| Trade name: Vitralit ® 4282 mod./2         | Version: 3 / GB          | Date revised: 18.04.2017   |
|  | Replaces Version: 2 / GB | Print date: 06.06.2017     |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
|  |                          |                            |
| ΑΛΑΛΑΙ Τ                                   | Ochcil                   |                            |
| V V V V V . L'                             | Page 12(12)              |                            |