



## SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 1

Compilation date: 19/07/2019

Revision No: 0

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

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

**Use of substance / mixture:** PC1: Adhesives, sealants.

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Vital Technical Sdn. Bhd.  
No. 93, Jalan Industri 3/3,  
Rawang Integrated Industrial Park,  
Rawang  
Selangor  
48000  
Malaysia

**Tel:** +603 6094 2088

**Fax:** +603 6099 2930

**Email:** sales@vitaltechnical.com

#### 1.4. Emergency telephone number

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP.

#### 2.2. Label elements

**Label elements:** This product has no label elements.

#### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

**Hazardous ingredients:**

[cont...]

# SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 2

## SILICA, AMORPHOUS

| EINECS    | CAS       | PBT / WEL  | CLP Classification | Percent |
|-----------|-----------|--|--------------------|---------|
| 231-545-4 | 7631-86-9 | Substance with a Community workplace exposure limit. | -                  | 1-10%   |

## OCTAMETHYLCYCLOTETRASILOXANE

|           |          |   |   |     |
|-----------|----------|---|---|-----|
| 209-136-7 | 556-67-2 | - | Repr. 2: H361f; Aquatic Chronic 4: H413 | <1% |
|-----------|----------|---|---|-----|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

[cont...]

# SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 3

## 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Wash the spillage site with large amounts of water.

## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of dust in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Various

**Odour:** Pungent

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Insoluble

**Viscosity:** No data available.

[cont...]

# SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 4

**Boiling point/range°C:** No data available.  
**Flammability limits %: lower:** No data available.  
**Flash point°C:** No data available.  
**Autoflammability°C:** No data available.  
**Relative density:** 1.02  
**VOC g/l:** No data available.

**Melting point/range°C:** No data available.  
**upper:** No data available.  
**Part.coeff. n-octanol/water:** No data available.  
**Vapour pressure:** No data available.  
**pH:** No data available.

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### SILICA, AMORPHOUS

|        |     |      |        |       |
|--------|-----|------|--------|-------|
| DERMAL | RBT | LD50 | >5000  | mg/kg |
| ORAL   | RAT | LD50 | >10000 | mg/kg |

#### OCTAMETHYLCYCLOTETRASILOXANE

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 1540 | mg/kg |
|-----|-----|------|------|-------|

[cont...]

# SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 5

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| SKN | RBT | LD50 | 794 | µl/kg |
|-----|-----|------|-----|-------|

## Excluded hazards for substance:

| Hazard                         | Route | Basis                 |
|--------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4)    | -     | No hazard: calculated |
| Acute toxicity (ac. tox. 3)    | -     | No hazard: calculated |
| Acute toxicity (ac. tox. 2)    | -     | No hazard: calculated |
| Acute toxicity (ac. tox. 1)    | -     | No hazard: calculated |
| Skin corrosion/irritation      | -     | No hazard: calculated |
| Serious eye damage/irritation  | -     | No hazard: calculated |
| Respiratory/skin sensitisation | -     | No hazard: calculated |
| Germ cell mutagenicity         | -     | No hazard: calculated |
| Carcinogenicity                | -     | No hazard: calculated |
| Reproductive toxicity          | -     | No hazard: calculated |
| STOT-single exposure           | -     | No hazard: calculated |
| STOT-repeated exposure         | -     | No hazard: calculated |
| Aspiration hazard              | -     | No hazard: calculated |

## Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### SILICA, AMORPHOUS

|         |          |        |      |
|---------|----------|--------|------|
| DAPHNIA | 24H EC50 | >10000 | mg/l |
| FISH    | 96H LC50 | >10000 | mg/l |

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

[cont...]

# SAFETY DATA SHEET

VT-164 / VT-164SE / VT-166 / VT-177 VITAL CLEAR RTV

Page: 6

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H361f: Suspected of damaging fertility.

H413: May cause long lasting harmful effects to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.