



**Safety data sheet**  
According to 1907/2006/EC, Article 31

Printing date 22.09.2016

Version number 2

Revision: 22.09.2016

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

- **1.1 Product identifier**
- **Trade name:** RTV Silicone Thixotropic Additive
  
- **Utilization of the substance of the formulation:** Viscosity modifying liquid silicone
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application for the substance / the preparation** Silicone moulding rubber
- **Uses advised against** None
  
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**

DWR plastics  
Broadway  
Newport  
Shropshire  
TF10 7TP  
Tel: + 44 (0) 7576028547

**1.4 Emergency telephone number:**  
phone : + 44 (0) 7576028547

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
Not applicable
- **Signal word**  
Not applicable
- **Hazard statements**  
Not applicable
- **Precautionary statements**
- **Response Precautions**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.
- **Storage Precautions**  
P233 Keep container tightly closed.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable

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**Trade name: RTV Silicone Thixotropic Additive**

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### **SECTION 3: Composition/information on ingredients**

· **3.2 Chemical characterization: Mixture**

**Description:**

The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

### **SECTION 4: Firefighting measures**

· **4.1 Description of first aid measures**

· **General Advice:** Remove/take off contaminated clothes immediately.

· **If inhaled:** Move the victim to fresh air

· **In case of skin contact:** Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical advice/attention.

· **Eye Contact:** Flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention immediately.

· **Ingestion:** Immediately call a poison centre or doctor/physician.

· **4.2 Most important symptoms and effects, both acute and delayed:** The possible symptoms known are those derived from the labelling. No additional symptoms known.

· **4.3 Indication of any immediate medical attention and special treatment needed:**

None known.

### **SECTION 5: Firefighting measures**

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Unsuitable extinguishing agents:** High volume water jet.

· **5.2 Special hazards arising from the substance or mixture:** In case of fire hazardous decomposition products may be produced are carbon monoxide, carbon dioxide (CO<sub>2</sub>). Combustion gases of organic materials must in principle be graded as inhaled poisons.

· **5.3 Advice for firefighters**

· **Protective equipment:** Wear self-contained respiratory protective device.

· **Additional information:** Wear suitable protective equipment.

### **SECTION 6: Accidental release measures**

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid eye contact.
- **Information about fire - and explosion protection:**  
 Keep ignition sources away - Do not smoke.  
 Protect from heat.  
 Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
 Keep container tightly closed and dry and storage in a good ventilated room.  
  
 Storage temperature: 15 - 25 °C.
- **Information about storage in one common storage facility:**  
 Store in dry conditions.  
 Protect from frost.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters:** None defined.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **Respiratory protection:** Not necessary.
- **Protection of hands:** Wear protective gloves. PVC Nitrile rubber Neoprene gloves.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Wear suitable protective work clothing
- **General protective and hygienic measures:**  
 The usual precautionary measures are to be adhered to when handling chemicals.  
 When using do not eat or drink.  
 Keep away from food and drink.  
 Wash hands before breaks and at the end of workday.  
 Remove/Take off immediately all contaminated clothing.

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### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

Form: Liquid  
Colour: Clear to cloudy

· Odour: Characteristic

· Odour threshold: Not determined

· pH-value: Approx. 7 (Concentration: 10g/l @ 20°C Method: DIN EN 1262)

Melting point/Melting range: Not applicable

Boiling point/Boiling range: 250°C

· Flash point: 200°C (Open cup Method: DIN/ISO 2592)

· Flammability (solid, gaseous): Not determined

· Ignition temperature: Not determined

· Decomposition temperature: >352°C Heating rate: 3 k/min Method: DSC.

· Self-igniting: Not determined

· Danger of explosion: Not explosive

##### · Explosion limits:

Lower: Not determined

Upper: Not determined

· Vapour pressure: <0.1 hPa (20°C)

· Density at 20 °C: 0.99 g/cm<sup>3</sup>

· Relative density: Not determined

· Vapour density: Not determined

· Evaporation rate: Not determined

· Solubility in / Miscibility with water: Soluble in water

· Viscosity: Not determined

##### · Solvent content:

Organic solvents: None

VOC (EC): None

· 9.2 Other information: No further relevant information available.

### SECTION 10: Stability and reactivity

· 10.1 Reactivity: No dangerous reaction known under conditions of normal use.

· 10.2 Chemical stability: Stable under normal conditions.

· Thermal decomposition / conditions to be avoided: >352°C Heating rate: 3 k/min Method: DSC.

· 10.3 Possibility of hazardous reactions: No dangerous reactions known.

· 10.4 Conditions to avoid: None known.

· 10.5 Incompatible materials: None known.

· 10.6 Hazardous decomposition products: When handled and stored appropriately no dangerous decomposition products known.

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### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute oral toxicity:**LD50 (Rat):>2000mg/kg
- **Primary irritant effect:**
- **Skin corrosion/irritation** Species: Rabbit Result: No skin irritation.
- **Serious eye damage/irritation** Species: Rabbit Result: No skin irritation.
- **Respiratory or skin sensitisation** No data available
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No data available
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** 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.
- **Potential health effects:**
- **Inhalation** None.
- **Ingestion** None.
- **Skin** None.
- **Eyes** May causes eye irritation.
- **Signs and Symptoms of Exposure** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
- **Additional Information** RTECS: Not available

### SECTION 12: Ecological information

- **12.1 Toxicity:**
- **Fish:** LC50 (Danio rerio (Zebra fish)): 1-10mg/l Exposure time: 96 hours Method: OECD Test Guideline 203
- **Daphnia and other aquatic invertebrates:** No data available.
- **Algae:** No data available.
- **Bacteria:** EC50:> 1000 mg/l Method: DIN 38412 T.8
- **12.2 Persistence and degradability** Readily biodegradable.
- **Biodegradation:** >70% Method: OECD Test Guideline 301B
- **Biodegradation:** >80% Exposure time: 28 days Method: OECD Test Guideline 301A
- **12.3 Bio accumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available. .
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
- Do not allow product to reach sewage system.
- After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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### SECTION 14: Transport information

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|--|-----------------|
| · <b>14.1 UN-Number</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void            |
| <hr/>  |                 |
| · <b>14.2 UN proper shipping name</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void            |
| <hr/>  |                 |
| · <b>14.3 Transport hazard class(es)</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  |                 |
| · <b>Class</b>   | Void            |
| <hr/>  |                 |
| · <b>14.4 Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>   | Void            |
| <hr/>  |                 |
| · <b>14.5 Environmental hazards:</b>   |                 |
| · <b>Marine pollutant:</b>   | No              |
| <hr/>  |                 |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| <hr/>  |                 |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| <hr/>  |                 |
| · <b>UN "Model Regulation":</b>  | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
Not applicable.
- **Signal word**  
Not applicable
- **Hazard statements**  
Not applicable
- **Precautionary statements**
- **Response Precautions**  
P305 + P351 + P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
P337 + P313 *If eye irritation persists: Get medical advice/attention.*
- **Storage Precautions**  
P233 *Keep container tightly closed.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Waterhazard class:** None
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Department issuing MSDS:** environment protection department

· **Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*ADR: 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 Harmonised 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 (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bio accumulative and Toxic*

*vPvB: very Persistent and very Bio accumulative*

*Flam. Liq. 3: Flammable liquids, Hazard Category 3*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category*

*2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1*

*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*