



# Tiranti

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2025.

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

#### **1.1. Product identifier**

**Product name** RTV Putty Silicone Rubber PART B

**Product number** 403-240 – sold as A & B together.

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

**Identified uses** Crosslinking agents for the production of elastomers.

No further relevant information available.

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

**Manufacturer / Supplier** Pottery crafts Ltd / Tiranti  
Campbell Road  
Stoke  
Stoke-on-Trent.  
ST4 4ET  
Tel 44 (0)1782 745000  
[sales@pottery crafts.co.uk](mailto:sales@pottery crafts.co.uk) / [Enquiries@tiranti.co.uk](mailto:Enquiries@tiranti.co.uk)

#### **1.4. Emergency telephone number**

**Emergency telephone** +44(0) 1782 745000 Office Hours 08:30 – 16:30 hrs Mon-Friday.

National Poisons Information Service: +44 121 507 4123  
Members of the public seeking specific information on poisons should contact:  
In England and Wales: NHS 111 - dial 111  
In Scotland: NHS 24 - dial 111  
Internationally: Emergency Services: 112.

Environment protection department: During normal opening times (7 am - 5 pm) phone: 0117 9715 500.

### **SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture** - The product is not classified, according to the CLP regulation.

**Classification** – according to regulation (EC) no. 1272/2008 [CLP/GHS]

#### **Physical hazards**

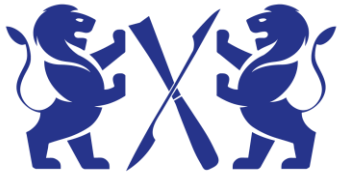
#### **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

#### **2.3 Other hazards**

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.



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## **Precautionary statements**

**General** : Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

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

### **3.2 Mixtures**

**Description:** Contains polydimethylsiloxane with functional groups  
+ Fillers and pigment;.

**Dangerous components:** Void

**non dangerous ingredients:** The above ingredients do not lead to classification, due to the physical nature of the material, the risk of inhalation is not given.

**Additional information:** none.

For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: First aid measures**

**General Information:** Immediately remove any clothing soiled by the product.

### **4.1. Description of first aid measures**

#### **Skin contact**

Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin. Wear gloves if you prefer.

#### **Eye contact**

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### **Inhalation**

Supply fresh air, consult doctor in case of complaints.

#### **Ingestion**

A person vomiting while laying on their back should be turned onto their side. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting; call for medical help immediately. If symptoms persist consult doctor.

#### **Protection of First aiders**

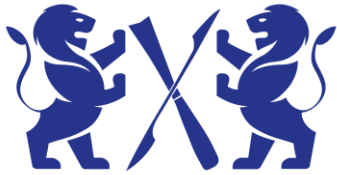
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**4.2. Most important symptoms and effects, both acute and delayed.** No further relevant information available.

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

**Notes To Physician** No further relevant information available.

**Specific Treatments** No further relevant information available.



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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, sand. Under the blanket of foam can hydrogen gas are included, so remove for cleaning and recording sources of ignition.

#### **Unsuitable extinguishing media**

Water  
Extinguishing powder  
Halone

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

#### **Specific hazards**

Formation of toxic gases is possible during heating or in case of fire Carbon Dioxide (CO<sub>2</sub>).

### **5.3. Advice for firefighters**

#### **Protective actions during fire fighting**

Wear self-contained respiratory protective device.

#### **Special protective equipment for firefighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

#### **Additional Information:**

Cool endangered receptacles with water spray.  
Collect contaminated firefighting water separately. It must not enter the sewage system.

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

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

Danger of slipping on leaked/spilled products.  
Wear protective clothing and footwear.

### **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 materials (sand, diatomite, acid binders, universal binders, sawdust.)

### **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.  
Eliminate ignition sources.

Material intended for disposal must be kept away from incompatible materials in accordance with point 10.  
Do not mix contaminated material with clean material consider information in section 07.



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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Take care by opening.  
Do not seal receptacles gas tight.  
provide for best ventilation in the workspace does not in use Keep container closed.  
Keep away from incompatible materials in accordance with point 10.  
If possible inerting equipment and containers filled with nitrogen to reduce the oxygen content.

#### **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.  
Fumes can combine with air to form an explosive mixture.  
Product can give off hydrogen. Within partially empty containers formation of explosive mixtures possible.  
Keep away from fire or smoke.  
Keep away from open flames, heat sources and sparks.  
Measures against static discharges.

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

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground. Keep container tightly closed and dry and storage in a good ventilated room.

**Storage Temperature:** 20-25°C do not allow to freeze.

#### **Information about storage in one common storage facility:**

Store away from flammable substances. Store away from foodstuffs.  
Does not store with, basic substances (eg alkalis, ammonia, amines), oxidizing agents, strong acids.

#### **Further information about storage conditions:** *Protect from frost.*

Store receptacle in a well-ventilated area.  
Store in dry conditions.  
Protect from heat and direct sunlight.

**Storage class:** 10

### **7.3. Specific end use(s)**

**Denomination of Origin** Made in Germany

**Processing information** Homogenize content before use  
**General remark** for processing instructions see data sheet.

## **SECTION 8: Exposure Controls/personal protection**

### **8.1. Control parameters**

#### **Ingredients with limit values that require monitoring at and in the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.



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## 8.2. Exposure controls

### Protective equipment

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment.**

### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not necessary if room is well-ventilated.

### Hand protection

The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. Nitrile rubber, NBR No latex gloves (impairment of the setting reaction)

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

**Body protection:** Protective work clothing.

**Eye/ Face protection:**



Tightly sealed protective goggles.

## SECTION 9: Physical and Chemical Properties

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

**Colour:** Red

- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** Undetermined.
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** > 250 °C
- **Auto-ignition temperature:** Product is not self igniting.
- **Decomposition temperature:** Not determined.

- **pH** Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **Dynamic:** Not determined.
- **Solubility**
- **water:** Insoluble.
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure:** Not determined.
- **Density and/or relative density**
- **Density at 20 °C:** 1.4 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.



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## 9.2. Other information

Appearance:

**Form:** Pasty

**Important information on protection of health and environment, and on safety.**

· **Ignition temperature:** > 400 °C

**Explosive properties:** Product does not present an explosion hazard.

· **Solvent content:**

· **Organic solvents:** 0.0 %

· **VOC (EC)** 0.0 g/l

**Change in condition.**

· **Evaporation rate** Not determined.

## Information with regard to physical hazard classes

- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

**Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.

### 10.3. Possibility of hazardous reactions

#### Possibility of hazardous reactions

Danger of forming explosive hydrogen-air mixture when stored in enclosed spaces.

Reacts with metals forming hydrogen. Reacts with: acids, alkaline substances (eg alkalis, ammonia, amines), alcohols, water, humidity, Oxidationsmittel, catalyst. The reaction causes the formation of hydrogen.

### 10.4. Conditions to avoid.

Moisture. Heat, open flames and other ignition sources. With contaminated pipes and tanks or corroded or rusty containers may lead to increased formation of hydrogen. Detail in section 7.

### 10.5. Incompatible materials

**Materials to avoid** Incompatible with oxidizing agents, acids, water, alcohol, amine, base, and acid.

### 10.6. Hazardous decomposition products

Hydrogen Measurements have shown that at temperatures from about 150 ° C by formation of small amount Formaldehyde is split off.



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## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

- **Acute toxicity** Based on available data; the classification criteria are not met.
- **Skin corrosion/irritation** no data available.
- **Serious eye damage/irritation** no data available.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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.

**Endocrine disrupting properties** None of the ingredients is listed.

## **SECTION 12: Ecological Information**

### **12.1. Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** not biodegradable.

· **Other information:** Deposition by sedimentation. Elimination by adsorption onto activated sludge.

· **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 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## **SECTION 13: Disposal considerations**

### **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### **Waste disposal key:**

For this product no waste code number can be determined as per the European Waste List, since the intended use by the consumer. The waste key number must be determined in consultation with the regional waste disposal.

### **Uncleaned packaging:**

**Recommendation:** Containers may use dangerous amounts of hydrogen contain unclean container and not re-filled with other materials because of possible reaction between residual product and harmful material. Can not be cleaned containers like the recycling. The packaging should be emptied completely before they are recycled in compliance with the regulations.



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## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Not dangerous cargo. Keep separated from foodstuffs.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class (es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

heat sensitive up to + 40°C

## **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** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations:**
- **Water hazard class:** Water hazard class 1 (VwVwS 17.05.99): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

### **Hazard statements in full**

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.

### • **Recommended restriction of use**

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the new material produced in this way.

Unless expressly described in chapter 1.2, Altropol products are for industrial use only. They are not intended for use in certain medical applications that are implanted, injected or taken directly (usually 30 days or more) into the human body, and are not intended for the manufacture of multiple-use contraceptives.

• **Department issuing SDS:** environment protection department.

### • **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement

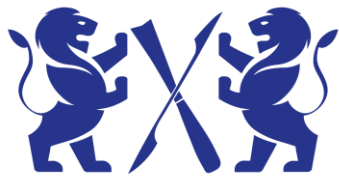
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# Tiranti

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· \* **Data compared to the previous version altered.**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.