



## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

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

#### 1.1. Product identifier

Product name            T25 Silicone Rubber

Product number        403-650

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

Identified uses        Moulding Rubber

Uses advised against: Life casting/Body moulding & food contact

#### 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.

### SECTION 2: Hazards identification

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

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

#### Classification

Physical hazards            Not Hazardous

Health hazards             Not Hazardous

Environmental hazards     Not Hazardous

#### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture.

### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterization: Mixture

Description: Silicone elastomer

Hazardous components: No hazardous ingredients.

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

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

- **General Information:** Normal use does not require special measures.
- **Eye Contact:** Flush eyes with plenty of water. If irritation persists, seek medical attention.
- **Skin Contact:** Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. If irritation persists, seek medical attention.
- **If Inhaled:** Remove to fresh air. Get medical attention.
- **Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media**      The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

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

**Specific hazards**      Exposure to combustion products may be hazardous to health.

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

#### **GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### **SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

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

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

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

### **6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Contain spill with inert material such as sand, earth or vermiculite. Collect and dispose of safely

### **6.4. Reference to other sections**

Refer to section 8 and section 13 for further details



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

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

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

- **Local/Total ventilation:** Use only with adequate ventilation.
- **Advice on safe handling:** Avoid inhalation of vapour or mist. Do not swallow. Avoid contact with eyes and prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
- **Hygiene measures:** Ensure that eye flushing systems. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

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

- **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:** Do not store together with oxidising and acidic materials.
- **Further information about storage conditions:** Store in dry conditions. Protect from frost.

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

Information not available

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

**8.1 Control parameters:** Contains no substances with occupational exposure limit values

### **8.2. Exposure controls**

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION

Chemical resistant gloves

SKIN PROTECTION

Protective work clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots ETC)

EYE PROTECTION

Safety Glasses

RESPIRATORY PROTECTION

None required

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## **SECTION 9: Physical and Chemical Properties**

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

<b>Properties</b>	<b>Value</b>	<b>Information</b>
Appearance	liquid	
Colour	Milky White	
Odour	odourless	
Odour threshold	Not available	
pH	Not available	
Melting point / freezing point	Not available	
Initial boiling point	Not available	
Boiling range	Not available	
Flash point	> 100 °C (closed cup)	
Evaporation Rate	Not available	
Flammability of solids and gases	Non-Flammable	
Lower inflammability limit	Not available	
Upper inflammability limit	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	

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Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Hardly soluble in water
Partition coefficient: n-octanol/water	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

No further relevant information available

## **SECTION 10: Stability and reactivity**

- 10.1. Reactivity** No Specific test data related to reactivity available for this product. Not expected to be particularly reactive under normal circumstances and conditions of use.
- 10.2. Chemical stability** chemically stable under normal temperatures, recommended conditions of storage and use
- 10.3. Possibility of hazardous reactions** No hazardous reaction when handled and stored according to provisions. May react with oxidisers.
- 10.4 Conditions to avoid** Flames, sparks and sources of ignition, incompatible materials.
- 10.5. Incompatible materials** Strong oxidizing agents
- 10.6. Hazardous decomposition products** Carbon Dioxide and Silicone Oxide

## **SECTION 11: Toxicological information**

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

### 11.1. Information on toxicological effects

Information on likely routes of exposure: Inhalation, skin contact, ingestion, eye contact

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

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[sales@pottery crafts.co.uk](mailto:sales@pottery crafts.co.uk) / [Enquiries@tiranti.co.uk](mailto:Enquiries@tiranti.co.uk)



· **Potential health effects:**

- **Inhalation:** None.
- **Ingestion:** None.
- **Skin:** None.
- **Eyes:** None.

**SECTION 12: Ecological Information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**12.1. Toxicity**

**12.2. Persistence and degradability**

No relevant information available

**12.3. Bioaccumulative potential**

No relevant information available

**12.4. Mobility in soil**

No relevant information available

**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage > than 0.1%.

**12.6. Other adverse effects**

Information not available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

**CONTAMINATED PACKAGING**

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14: Transport information**

**General**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**SECTION 15: Regulatory information**

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

Healthcare controls

Information not available

**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.

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**Storage Precautions:** P233 Keep container tightly closed.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**Water hazard class:** None

### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## **SECTION 16: Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

**EUH210** Safety data sheet available on request.

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
16. Regulation (EU) 2019/521 (XII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website

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- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) – Italy

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### **Hazard statements in full**

*This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material.*

This information relates only to the specific material designated and may not be valid for such material used in combination With any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate And reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or Completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.