

# FLEXIL-S RTV A55 Part A

Silicone Rubber Base

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name:** Flexil-S RTV A55 Part A  
**Chemical Name:** Silicone Rubber Base  
**Supplier:** Jacobson Chemicals Ltd  
 Unit 4  
 Newman Lane Industrial Estate  
 Alton  
 Hants  
 GU34 2QR  
**Telephone:** 01420 86934  
**Fax:** 01420 549574  
**E-mail:** sales@jacobsonchemicals.co.uk

## 2. COMPOSITION

**Substance:** No  
**Substance Name:** Mixture  
**EC Index No:** N/a  
**CAS Number:** 391-00-00-09  
**EEC Number:** N/a

| <u>Constituents</u> | <u>Range</u> | <u>Haz Symt</u> | <u>Risk</u> |
|---------------------|--------------|-----------------|-------------|
|---------------------|--------------|-----------------|-------------|

No hazardous ingredients.

Mixture of Polydimethyl/Polysiloxane and silane treated fillers.

## 3. HAZARD IDENTIFICATION

**The most important hazards are:** Mild irritation to skin and eyes. Slipping hazard if allowed to spill.

## 4. FIRST AID MEASURES

**Immediate medical attention:** No  
**Professional assistance from physician required?** No  
**Inhalation:** Treat symptomatically.  
**Skin Contact:** Removed soiled clothing.  
 Wash affected area with soap and water.  
**Eye Contact:** In case of contact, immediately flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting.  
 Slowly dilute with 1-2 glasses of water or milk and seek medical attention.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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## 5. FIRE-FIGHTING MEASURES

|                                      |   |
|--------------------------------------|---|
| <b>Extinguishing media:</b>          | Carbon dioxide, foam dry powder or water spray.   |
| <b>Special protective equipment:</b> | Suitable respiratory equipment.   |
| <b>Exposure hazards:</b>             | Silicon dioxide is produced as well as the recognized oxidation products of carbon compounds. |

## 6. ACCIDENTAL RELEASE MEASURES

|                              |   |
|------------------------------|---|
| <b>Personal Precautions:</b> | Wear gloves and goggles. Wash walking surfaces to avoid slipping hazard.                              |
| <b>Methods of Cleaning:</b>  | Wipe, scrape or soak up in an inert material and dispose of according to local authority regulations. |

## 7. HANDLING & STORAGE

Maintain good hygiene practices keeping all surfaces free from silicone by regular cleaning. Wear gloves and goggles while handling and mixing.

Store in cool dry conditions between 10°C and 30°C. Bring the material to about 20°C over 12 hours before use to ensure consistent curing times.

Do not allow freezing.

## 8. EXPOSURE CONTROLS

Ensure adequate eye protection.

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                          |                              |
|--------------------------|------------------------------|
| <b>Appearance:</b>       | Viscous liquid               |
| <b>Odour:</b>            | None                         |
| <b>Colour:</b>           | White translucent            |
| <b>Flash Point:</b>      | >204°C                       |
| <b>Specific Gravity:</b> | 1.28 gcm <sup>-3</sup>       |
| <b>Viscosity:</b>        | 145,000 mPa.s @ 20°C         |
| <b>Solubility:</b>       | Insoluble in water.          |
| <b>Other:</b>            | Soluble in organic solvents. |

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## 10. STABILITY & REACTIVITY

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|  |  |
|--|--|
| <b>Conditions to avoid:</b>              | Freezing of RTV Base                                 |
| <b>Materials to avoid:</b>               | Avoid contact with acids, bases or oxidizing agents. |
| <b>Hazardous decomposition products:</b> | Carbon dioxide, carbon monoxide, silicone dioxide.   |

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## 11. TOXICOLOGICAL INFORMATION

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When handled correctly and with the usual precautions of hygiene, the ingredients of RTV A250 indicate that the product does not present a health hazard.

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## 12. ECOLOGICAL INFORMATION

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|----------------------------|--|
| <b>Possible effects:</b>   | Slightly hazardous to water. Do not allow to enter water course. |
| <b>Behaviour:</b>          | N/a  |
| <b>Environmental fate:</b> | N/a  |

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## 13. DISPOSAL CONSIDERATIONS

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Disposal is normally achieved by burial or combustion on an approved site and according to local authority regulations.

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## 14. TRANSPORT INFORMATION

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|                               |                             |
|-------------------------------|-----------------------------|
| <b>UN Number:</b>             | None                        |
| <b>Proper Shipping Name:</b>  | None                        |
| <b>Additional Data:</b>       | Non hazardous for transport |
| <b>IMO - Sea:</b>             | None                        |
| <b>ICAO - Air:</b>            | None                        |
| <b>ADR - Road:</b>            | None                        |
| <b>Transport Category:</b>    | None                        |
| <b>Limited Quantity Size:</b> | None                        |

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## 15. REGULATORY INFORMATION

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No labeling is required in accordance with the EEC directives.

|                                  |     |
|----------------------------------|-----|
| <b>Supply label information:</b> | N/a |
| <b>Hazard Symbol:</b>            | N/a |
| <b>Risk Phrases:</b>             | N/a |
| <b>Safety Phrases:</b>           | N/a |

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## 16. OTHER INFORMATION

**Recommended uses & restrictions:** For use as a flexible moulding material for industrial applications only. Not for direct contact onto skin on any account.

**Sources of key data used to compile this document:**

- i) HSE - EH40/98: Occupational exposure limits 1998.
- ii) Suppliers Health & Safety data sheet.
- iii) Croner's Hazard information & packaging

**NOTE:**

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.