

# RTV C45

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

**Product Name:** RTV C45  
**Chemical Name:**  
**Supplier:** Jacobson Chemicals Ltd  
 Jacobson House  
 The Crossways  
 Churt  
 Nr Farnham  
 Surrey GU10 2JD  
**Telephone:** 01428 713637  
**Fax:** 01428 712835  
**E-mail:** sales@jacobsonchemicalsltd.co.uk

## 2. COMPOSITION

**Substance:** An un-catalysed silicone rubber compound based on a blend of polydimethylsiloxane polymers, fillers and a cross linking agent.

**Substance Name:**  
**EC Index No:**  
**CAS Number:**  
**EEC Number:**

<u>Constituents</u>	<u>Range</u>	<u>Haz Synt</u>	<u>Risk</u>
No hazardous ingredients.			

## 3. HAZARD IDENTIFICATION

**The most important hazards are:** N/a  
**Inhalation:** N/a  
**Skin Contact:** N/a  
**Eye Contact:** N/a  
**Ingestion:** N/a

## 4. FIRST AID MEASURES

**Immediate medical attention:** Yes  
**Professional assistance from physician required?** Yes  
**Inhalation:** Remove from exposure, rest and keep warm. Get medical attention if any discomfort continues.  
**Skin Contact:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.  
**Eye Contact:** Wash affected eye(s) with clean, cold water or eyewash for at least 15 minutes. Seek medical attention immediately.  
**Ingestion:** Do not induce vomiting. Seek medical attention immediately and show this safety data sheet.

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>Suitable extinguishing media:</b>	Carbon dioxide, foam, dry chemical powder or fine water spray.
<b>Special protective equipment:</b>	Suitable respiratory equipment.
<b>Exposure hazards:</b>	Silicon dioxide is produced during combustion along with the normal oxidation products of carbon compounds.

## 6. ACCIDENTAL RELEASE MEASURES

This product will spread slowly over surfaces if spilled. Should the container be ruptured, spillages should be contained and absorbed onto sand, earth, sawdust or commercial oil absorbent and swept into containers for disposal.

## 7. HANDLING & STORAGE

<b>Handling:</b>	N/a
<b>Storage:</b>	The product should be kept in closed containers to prevent contamination.

## 8. EXPOSURE CONTROLS

<b>Take measures to prevent:</b>	Ensure adequate ventilation.
<b>Exposure to control limits:</b>	N/a
<b>Respiratory protection:</b>	Ensure adequate ventilation when handling the blend with catalyst or auxiliaries.
<b>Hand Protection:</b>	Gloves recommended.
<b>Eye Protection:</b>	Protective eyewear recommended for use with any industrial product.
<b>Skin Protection:</b>	Gloves recommended.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous liquid
<b>Odour:</b>	Slight characteristic
<b>Colour:</b>	Red
<b>Flash Point:</b>	Greater than 200°C
<b>Flammability:</b>	Not classified as flammable.
<b>Relative Density:</b>	Approximately 1.40
<b>Viscosity at 25°C, mm<sup>2</sup>s:</b>	Approximately 35,000
<b>Dispersability:</b>	Dispersible in aromatic and chlorinated hydrocarbon solvents. Insoluble in water and alcohols.

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## 10. STABILITY & REACTIVITY

<b>Conditions to avoid:</b>	None known.
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, silicon dioxide.
<b>Incompatibility (Materials to avoid):</b>	Water

## 11. TOXICOLOGICAL INFORMATION

Acute oral LD50 mg/kg (calculated)

## 12. ECOLOGICAL INFORMATION

<b>Possible effects:</b>	
<b>Behaviour:</b>	
<b>Environmental fate:</b>	Not known to be an environmental problem.

## 13. DISPOSAL CONSIDERATIONS

<b>Likely residues / waste products:</b>	
<b>Safe handling of and residues/waste products:</b>	Disposal is normally achieved by burial on an approved site or by burning under controlled conditions. Customers outside of U.K. legislation should consult their own local authorities.

## 14. TRANSPORT INFORMATION

<b>Special carriage precautions in carriage:</b>	None
<b>Classification data:</b>	None
<b>UN Number:</b>	None
<b>Proper Shipping Name:</b>	None
<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
<b>Additional Data:</b>	Non hazardous for transport.

## 15. REGULATORY INFORMATION

<b>Supply label information:</b>	None
<b>Hazard Symbol:</b>	None
<b>Risk Phrases:</b>	None
<b>Safety Phrases:</b>	None

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**16. OTHER INFORMATION**

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|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| a) <b>Training needs:</b>                    | For further information contact our office.                                                                                                                             |
| b) <b>Recommended uses and restrictions:</b> |                                                                                                                                                                         |
| c) <b>Further references:</b>                |                                                                                                                                                                         |
| d) <b>Key data sources:</b>                  | HSE - EH40/98: Occupational exposure limits 1998.<br>HSC - Safety Data Sheets for substances and preparations dangerous for supply.<br>Suppliers Health and Safety Data |

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.

**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.