

# FLEXIL-S Catalyst Turquoise F10

A blend of polydimethylsiloxanes, a mixture of alkoxy silanes, an organotin compound and a blue/green pigment

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

**Product Name:** Flexil-S Catalyst Turquoise F10  
**Chemical Name:**  
**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:** N/a  
**EEC Number:** N/a

| <u>Constituents</u>       | <u>Range</u> | <u>Haz Synt</u> | <u>Risk</u>         |
|---------------------------|--------------|-----------------|---------------------|
| A blend of Alkoxy silanes | 20%          | Flam            | R10, R20, R36/37/38 |
| Dibutyltin Dilaurate      | 5%           | Toxic           | R24/25              |

**Risk phrases in this section apply only to raw materials, not necessarily finished products.**

## 3. HAZARD IDENTIFICATION

Although the crosslinking agents and catalyst are reasonably hazardous materials, at the concentrations at which they are employed they do not present a major hazard to the user. From the time of initial exposure to moisture, small amounts of lower alcohols are evolved slowly. Complete evolution is normally within 5 days. No significant hazard has been observed with this product when used according to the instructions.

# FLEXIL-S Catalyst Turquoise F10

A blend of polydimethylsiloxanes, a mixture of alkoxy silanes, an organotin compound and a blue/green pigment

---

## 4. FIRST AID MEASURES

---

|  |   |
|--|---|
| <b>Inhalation:</b>                               | May cause slight nausea or headache. Remove person to fresh air. Treat symptomatically.   |
| <b>Skin Contact:<br/>(Harmful by absorption)</b> | Remove soiled clothing immediately and wash affected area with soap and water. Seek medical advice if irritation persists.                      |
| <b>Eye Contact:</b>                              | Wash the affected eye(s) immediately with clean cold water or eyewash and irrigate for at least 15 minutes. Seek medical attention immediately. |
| <b>Ingestion:</b>                                | Do not induce vomiting.<br>Give water or milk to drink. Treat symptomatically.  |

---

## 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>             | Noxious or toxic vapours may be emitted if the product is involved in a fire. |

---

## 6. ACCIDENTAL RELEASE MEASURES

---

|                              |   |
|------------------------------|---|
| <b>Personal Precautions:</b> | Wear gloves and goggles. Wash walking surfaces to avoid slipping hazard.                |
| <b>Methods of Cleaning:</b>  | Absorb 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 whilst handling & 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 to freeze.

---

## 8. EXPOSURE CONTROLS

---

Ensure adequate ventilation when handling RTV/Catalyst mixture. Gloves and eye protection is recommended.

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.

# FLEXIL-S Catalyst Turquoise F10

A blend of polydimethylsiloxanes, a mixture of alkoxy silanes, an organotin compound and a blue/green pigment

---

## 9. PHYSICAL & CHEMICAL PROPERTIES

---

|                          |  |
|--------------------------|--|
| <b>Appearance:</b>       | Liquid   |
| <b>Odour:</b>            | Characteristic alcoholic   |
| <b>Colour:</b>           | Deep Turquoise   |
| <b>Flash Point:</b>      | 65°C   |
| <b>Specific Gravity:</b> | About 1.05 gcm <sup>-3</sup>   |
| <b>Solubility:</b>       | Insoluble in water.  |
| <b>Other:</b>            | Dispersible in aromatic and chlorinated hydrocarbon solvents. Hydrolysed by water. |

---

## 10. STABILITY & REACTIVITY

---

|  |   |
|--|---|
| <b>Conditions to avoid:</b>              | Prolonged exposure to moist air.                                  |
| <b>Materials to avoid:</b>               | Avoid contact with acids, bases or oxidizing agents.              |
| <b>Hazardous decomposition products:</b> | Carbon dioxide, carbon monoxide, silicone dioxide and tin oxides. |

---

## 11. TOXICOLOGICAL INFORMATION

---

Acute oral LD<sub>50</sub> (mg/kg): >1,500 mg/kg  
 .....(calculated)

---

## 12. ECOLOGICAL INFORMATION

---

|                       |  |
|-----------------------|--|
| <b>Persistence:</b>   | Not known  |
| <b>Degradability:</b> | Partly biodegradable   |
| <b>Aquatic:</b>       | This product is a potential water pollutant. Do not allow large quantities to enter drains or surface water. |

---

## 13. DISPOSAL CONSIDERATIONS

---

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

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.

# FLEXIL-S Catalyst Turquoise F10

A blend of polydimethylsiloxanes, a mixture of alkoxy silanes, an organotin compound and a blue/green pigment

---

## 14. TRANSPORT INFORMATION

---

|                              |  |
|------------------------------|--|
| <b>UN Number:</b>            | 3082   |
| <b>Proper Shipping Name:</b> | Environmentally Hazardous Substance Liquid<br>N.O.S. |
| <b>Additional Data:</b>      | Severe Marine Pollutant                              |
| <b>IMO - Sea:</b>            | Class 9 III  |
| <b>ICAO - Air:</b>           | Class 9 III  |
| <b>ADR - Road:</b>           | Class 9 III item 11°C                                |
| <b>Transport Category:</b>   | III  |

---

## 15. REGULATORY INFORMATION

---

|                               |   |
|-------------------------------|---|
| <b>Supply Classification:</b> | Harmful   |
| <b>Hazard Symbol:</b>         | <input checked="" type="checkbox"/>   |
| <b>Risk Phrases:</b>          | R21/22 Harmful in contact with skin and if swallowed.<br>R36/38 Irritating to eyes and skin.  |
| <b>Safety Phrases:</b>        | S41 in case of fire and/or explosion, do not breathe fumes.<br>S36/37 wear suitable protective clothing and gloves.<br>S23-A Do not breathe fumes/vapour/spray.<br>S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.<br>S51 Use only in well ventilated areas.<br>S7/9 Keep container tightly closed in a well ventilated place. |

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.

# FLEXIL-S Catalyst Turquoise F10

A blend of polydimethylsiloxanes, a mixture of alkoxysilanes, an organotin compound and a blue/green pigment

---

## 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

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.