

FLEXIL-S Catalyst AQUA S10

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Flexil-S Catalyst AQUA S10
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	5%	Toxic	R24/25
Dilaurate			

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, 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.

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4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Carbon dioxide, foam dry powder or water spray.
Special protective equipment:	Suitable respiratory equipment.
Exposure hazards:	Noxious or toxic vapours may be emitted if the product is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear gloves and goggles. Wash walking surfaces to avoid slipping hazard.
Methods of Cleaning:	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.

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9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Characteristic alcoholic
Colour:	Blue
Flash Point:	63°C
Specific Gravity:	About 1.00 gcm ⁻³
Solubility:	Insoluble in water.
Viscosity:	10,000 cps @ 25°C
Other:	Insoluble in water. Soluble in organic solvents.

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ (mg/kg): >1,500 mg/kg
..... (calculated)

12. ECOLOGICAL INFORMATION

Persistence:	Not known
Degradability:	Partly biodegradable
Aquatic:	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.

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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

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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

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.