

J-Cast 70D Part A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: J-Cast 70D Part A
Chemical Name: Polyether/Polyester polyol based compound
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: No
Substance Name: Mixture
EC Index No: N/a
CAS Number: 3907-2029
EEC Number: N/a

<u>Constituents</u>	<u>Range</u>	<u>Haz Synt</u>	<u>Risk</u>
Polyether/polyester polyol compound	<70%	Xi Irritant	R36/37 Irritating to eyes and skin. R43 May cause sensitization by skin contact

3. HAZARD IDENTIFICATION

The most important hazards are: Irritation to skin and eyes. May cause sensitization by skin contact.
Inhalation: N/a
Skin Contact: Irritation to skin, may cause sensitization.
Eye Contact: Irritant to eyes.
Ingestion: N/a

4. FIRST AID MEASURES

Immediate medical attention: No
Professional assistance from physician required? Yes
Inhalation: Ventilate premises. Remove patient to ventilated area. Should the patient feel unwell, consult a doctor.
Skin Contact: Remove soiled clothing. Remove product with dry paper towel. Do not use solvents. Wash affected area with soap and water.
Eye Contact: In case of contact, immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention.

J-Cast 70D Part A

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam dry powder or water spray.
Special protective equipment:	Suitable respiratory equipment.
Exposure hazards:	Avoid inhaling fumes. Incomplete.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear mask, gloves and goggles. Wash walking surfaces to avoid slipping hazard.
Methods of Cleaning:	Wipe, scrape or soak up in an inert material and dispose of according to local authority regulations.
Environmental Precautions:	Do not allow to enter the water course.

7. HANDLING & STORAGE

Handling:	Avoid contact and inhalation of vapours and dusts. Do not eat, drink or smoke while working. Wash hands after use.
Incompatible materials:	Acids and strong oxidizing agents.
Storage:	The product is moisture sensitive. Keep in a dry place in the original containers and tightly closed. Avoid exposing to temperatures below 15°C.

8. EXPOSURE CONTROLS

Take measures to prevent:	Use adequate ventilation for the work area and storage area.
Exposure to control limits:	N/a
Respiratory protection:	N/a
Hand Protection:	Use protective gloves
Eye Protection:	Safety goggles
Skin Protection:	N/a

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Slight
Colour:	Pale grey
Flash Point:	>200°C
Specific Gravity:	1.02 gcm ⁻³ @ 25°C
Viscosity:	90-120 mPas @ 25°C
Solubility in water:	Insoluble in water Soluble in organic solvents

J-Cast 70D Part A

10. STABILITY & REACTIVITY

Conditions to avoid:	Temperatures below 15°C
Materials to avoid:	Avoid contact with acids, bases and oxidizing agents.
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

No toxicological data available on this preparation. Does not contain any toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Possible effects:	Not known to be a problem
Behaviour:	Not known to be a problem
Environmental fate:	Not known to be a problem

13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	N/a
Safe handling of and residues/waste products:	Disposal is normally achieved by burial or combustion on an approved site and according to local authority regulations.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	None
Classification data:	None
UN Number:	None
Proper Shipping Name:	None
IMO - Sea:	None
ICAO - Air:	None
ADR - Road:	None
Transport Category:	None
Limited Quantity Size:	None
Additional Data:	Non hazardous for transport

J-Cast 70D Part A

15. REGULATORY INFORMATION

Supply label information:	Irritant
Hazard Symbol:	Xi
Risk Phrases:	R36/38: Irritating to eyes & skin. R43: May cause sensitization by skin contact.
Safety Phrases:	S28: After contact with skin, wash immediately with plenty of soap and water. S36/39: Wear suitable protective clothing and eye/face protection.

16. OTHER INFORMATION

a) Training needs:	For further information contact our office.
b) Recommended uses and restrictions:	For use as a prototyping casting material for industrial applications only. Not for direct contact onto skin on any account.
c) Further references:	
d) Key data sources:	Manufacturer's data. 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.