



SAFETY DATA SHEET

Based on regulation (EC) No. 1907/2006 (REACH) Article 31 Annex II

J-FIX SPIN IN CAPSULES

1. Identification of the substance/preparation and the company/undertaking

- 1.1 Identification of the substance/**
Epoxy Acrylate Resin in Glass Capsule
- 1.2 Use of the substance**
Installing threaded studs in concrete
- 1.3 Company**
JCP Construction Products
Unit 07 Princess Court, Horace Rd
Kingston, Surrey KT1 2SL
- Tel +44 208 546 6545
Fax +44 208 546 6019
- email jcpenquiries@owlett-jaton.com
- 1.4 Telephone number for emergencies**
Tel +44 208 546 6545

2. Composition/information of ingredients

Hazardous Components:	Cas NO. IENECS	Contents in %	Symbol	Risk Phrase
Styrene	100-42-5 202-851-5	1.0-<12.5	Xn/Xi	10-20-36/38
Dibenzoyl Peroxide	94-36-0 202-327-6	1.0-<2.0	E/Xi	2-36-43
1,1'-(p-Tolylimino)dipropan-2-ol	254-075-1	0.1-<1.0	T	25-36-52-53

3. Hazard identification

Hazardous. Flammable. May cause sensitization by skin contact

4. First Aid measures

- 4.1 Eyes** Irrigate with clean water for at least 15 mnts. Seek medical attention
- 4.2 Skin** Remove contaminated clothing. Wash with copious amounts of soap and water. If irritation persists, seek medical advise
- 4.3 Ingestion** Do not induce vomiting. Drink plenty of water. Seek medical advise.
- 4.4 Inhalation** Move patient to fresh air and allow to rest. Seek medical attention if patient is slow to recover or unconscious

First Aiders should protect themselves from exposure (Ref to section 8)

5. Fire fighting measure

- 5.1 Extinguishing Media** Water spray, Dry powder, CO₂, and foam. Unsuitable - Full water jet
- 5.2 Exposure Hazards** In case of fire can develop oxides of Carbon and Toxic pyrolysis products
- 5.3 Fire Fighting Equipment** Wear self contained breathing equipment

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6. Accidental release measures

- 6.1 Personal precautions** Remove sources of ignition. Do not smoke
Avoid contact with eyes and skin
- 6.2 Environmental measures** Dam up. Prevent from entering drainage system, ground and ground water
- 6.2 Clean up procedure** Clean up by using an absorbent material and dispose of according to point 13
Refer to sections 5,8 and 13 for protective measures and disposal.

7. Handling and storage

- 7.1 Safe handling** Avoid shock and friction
Keep away from sources of ignition
Follow installation instructions.
- 7.2 Storage** Store products in original packaging
Avoid heat and direct sunlight

8. Exposure controls/personal protection

Chemical name	WEL-TWA	WEL-STEL
Styrene	100ppm (430 mg/m ³)	250ppm (1080 mg/m ³)
Dibenzoyl Peroxide	5 mg/m ³	-
Siliziumdioxid, Quartz	0.1 mg/m ³ (silika, respirable crystalline)	-
Dicyclohexyl phthalate	5 mg/m ³	-
Respiratory	Not normally necessary	
Ingestion	Unlikely during normal use.	
Eye Protection	Safety glasses with eye shields	
Skin Protection	Wear protective gloves	

9. Physical and chemical properties

Appearance	Capsule	Odour	N/A
Viscosity	N/A	Density	-
Melting Point	N/A	Boiling Point °C	~145
Flammability	-	Flash Point °C	34 Resin
Explosive Properties	-	Ignition Temperature °C	490
Min limit of explosion	1.1vol%	pH	N/A
Max limit of explosion	8.0vol%	Solubility in water	Insoluble

10. Stability and reactivity

- Conditions to avoid** Heat. Open flame. Sources of ignition
- Materials to avoid** Acids. Bases. Water
- Hazardous Decomposition:** See point 5.3

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg)	n.av.
Inhalation, LC50 rat inhale (mg/1/4h)	n.av.
Skin contact, LD50 rat dermal (mg/kg)	n.av.
Eye contact	n.av.

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11. Toxicological information (Cont.)

Delayed and chronic effects

Sensitization	Yes (skin contact)
Carcinogenicity	n.c.
Mutagenicity	n.c.
Reproductivity toxicity	n.c.
Narcosis	n.c.

Further information

Classification according to calculation procedure

12. Ecological Information

Water hazaed class (Germany)	2
Self classification	Yes (VwVwS)
Persistence and degradability behaviour in sewage plants	n.av. According to the recipe, contains no AOX
Aquatic toxicity	
Toxicity to bacteria	ECO 72 mg/l/16h*
Toxicity to fish	LC50 Leuciscus idus 17-66 mg/l/48h*
Toxicity to daphnia	EC50 182 mg/l/24h*
Ecological toxicity	n.av.
*Styrene	

13. Disposal considerations

13.1 for the material/preparation/substance

EC disposal code no:

The waste codes are recommendations based on the scheduled use for this product

Owing to the user's specific conditions for use and disposal, other codes may be allocated under certain circumstances. (2001/118/EC, 2001/119EC, 2001/573/EC)

08 04 11 adhesive and sealant sludge contains organic solvents or other dangerous substances

Recommendation

Refer to local and national official regulations

E.g. suitable incineration plant

E.g. dispose at suitable refuse site

13.2 for contaminated packing material

See point 13.1

Refer to local and national official regulations

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product

14. Transport information

General statements

UN-Number 1866

Road/Rail- transport (ASDR?RID)

Class/packing group n.a.

Classification code n.a.

LQ n.a.

Transport by sea

IMDG-code n.a. (class/packing group)

Marine pollutant n.a.

Transport by air

IATA 3-/III (class/secondary danger/packing-group)

Resin solution

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15. Regulatory information

Labelling:



Symbol	Xi
Indications of danger	Irritant
Risk Phrases	
R10	Flammable
R43	May cause sensitization by skin contact.
Safety Phrases	
S3/7	Keep container tightly closed in a cool place
S35	This container and its c
(S36/37)	Wear suitable protective clothing and gloves
Additions	
Dibenzoyl peroxide	Observe restrictions Yes

16. Other information

These details refer to the product as it is delivered

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2)

R10	Flammable
R20	Harmful by inhalation
R36/38	Irritating to eyes and skin
R2	Risk of explosion by shock, friction, fire, or other sources of ignition
R36	Irritating to eyes
R43	May cause sensitization by skin contact
R25	Toxic if swallowed
R52	Harmful to aquatic organisms
R53	May cause long term adverse effects in the aquatic environment

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