

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name	Injection Cartridge FX-QE400.QE650
Typical application	Heavy duty anchoring free of expansion pressure
Company Name	Fastfix-it Enterprise Co., Ltd
Company Address	No. 47-1, Lane 199, Renxin Road, Renwu District, Kaohsiung 81460, Taiwan
Telephone/Fax	886-7-3756058 / 886-7-3756091
E-mail address	sales@fastfix-it.com

## 2. COMPOSITION ON INGREDIENTS

### COMPONENT A

Chemical characterization	Epoxy resins			
Dangerous components	Cement, portland, chemicals	CAS NO: 65997-15-1	20- <30%	R38-41
	Epoxy resin	CAS NO: 28064-14-4	<70%	R36/38-43- 51/53
	Hydrophilic fumed silica(SiO2)	CAS NO: 112945-52-5	<5%	R20

### COMPONENT B

Chemical characterization	Polyamines with inorganic fillers			
Dangerous components	Magnesium Silica	CAS NO: 1343-88-0	5%	R20/22,R34, R51/53
	Silica	CAS NO: 60676-86-0	20%	R20/22,R34, R51/53
	Polyaminoamide	CAS NO: 68082-29-1	25%	Xi;R38,R41. N;R50/53. R43

### 3. HAZARDS IDENTIFICATION

Xi	Irritant
N	Dangerous for the environment
C	Corrosive
Xn	Harmful

- Information particular dangers for man and environment
- Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact.

Item	GHS Classification
Skin corrosion / irritation	Category 2
Serious eye damage / irritation	Category 2
Skin sensitization	Category 1
Acute aquatic toxicity	Category 3

#### LABEL ELEMENTS

GHS Label Elements	 GHS07	 GHS09
Signal Word	Warning	

#### HAZARD STATEMENT(S)

R20/22	Harmful by inhalation and if swallowed
R36/38	Irritating to eyes and skin
R41	Risk of serious damage to eyes.
R43	May cause sensitiveness by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.
R52/53	Harmful to aquatic organisms, any cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

## 4. FIRST AID MEASURES

General information	Remove contaminated, saturated clothing immediately.
Skin contact	<ul style="list-style-type: none"> <li>● Remove contaminated clothing immediately.</li> <li>● Wash contaminated areas with plenty of water and soap and rinse with water.</li> <li>● Do not use any solvent.</li> <li>● Seek medical attention if irritation develops or persists.</li> </ul>
Eye contact	<ul style="list-style-type: none"> <li>● Flush with plenty of water for at least 15 minutes.</li> <li>● Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water.</li> <li>● Seek medical attention if irritation persists.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li>● Do not induce vomiting.</li> <li>● If swallowed, drink plenty of water.</li> </ul>

## 5. FIRE FIGHTING MEASURES

Suitable extinguishing Media	Foam, water spray, carbon dioxide, dry power extinguisher.
Not suitable extinguishing Media	Water applied with full jet.
Exposure hazards	<ul style="list-style-type: none"> <li>● Avoid breathing vapors and fumes. Toxic fumes formed during decomposition (carbon oxides) may cause severe health hazard.</li> <li>● Contact with combustible material may cause fire.</li> </ul>
Special protective equipment	Use breathing apparatus with independent air supply.
Other information	<ul style="list-style-type: none"> <li>● Remove product off fire area</li> <li>● Contaminated firefighting water must not be discharged into the drainage system.</li> </ul>

## 6. ACCIDENTAL RELEASE MEASURES

Personal protection	<ul style="list-style-type: none"> <li>● Ensure adequate ventilation.</li> <li>● Keep away sources of ignition.</li> <li>● Use personal protective equipment.</li> </ul>
Environmental protection	<ul style="list-style-type: none"> <li>● Do not allow to enter into soil/subsoil.</li> <li>● Do not allow to enter drains/surface water/groundwater.</li> </ul>

## 7. HANDLING & STORAGE

Handling	<ul style="list-style-type: none"> <li>● Provide good ventilation of the workroom.</li> <li>● Keep work clothes separate.</li> <li>● Avoid contact with skin or eyes.</li> <li>● Do not breathe.</li> <li>● Keep away from heat source of ignition as well as from open fire.</li> </ul>
Storage	<ul style="list-style-type: none"> <li>● Store in dry and cool conditions away from direct sunlight or strong oxidizers.</li> <li>● Keep in the original package at temperature 5 to 25°C.</li> </ul>

## 8. EXPOSURE CONTROL / PERSONAL

Protective provisions	Provide good ventilation of the workroom.
Personal protective equipment	Respiratory protection : Wear suitable respiratory apparatus.
	Hand protection : Wear rubber or plastic coated gloves, however due to its concept of packaging, the material unmixed should not be in contact with skin.
	Eyes protection : Safety glasses/goggles or face shield advised, particularly when work overhead.
	Skin protection : Wear suitable protective clothing. Wash hand after each work period and before eating.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Putty.
Color	Resin- White Hardener- Black.
Odor	Low
Viscosity (25°C)	100~120 Pa.s (Part A+B mixed)
Density	1.60~1.65 (part A+B mixed)
PH	Not Applicable
Water	Insoluble
Flash point	Not applicable

## 10. STABILITY & REACTIVITY

Condition to avoid	No decomposition if used as prescribed.
Material to avoid	Dangerous reactions with isocyanate, anhydrides, acids, oxidizing agents.
Hazardous decomposition products	Nitrogen oxides (NO <sub>x</sub> ).

## 11. TOXICOLOGICAL INFORMATION

Inhalation	LD50/LC50 values which are relevant for classification: The product has been not tested.
Irritant effects	On contact with the skin or respiratory organs irritation is possible.

## 12. ECOLOGICAL INFORMATION

Ecological effects	Toxic respectively harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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### 13. DISPOSAL CONSIDERATIONS

Product Packaging	<ul style="list-style-type: none"> <li>● Can be incinerated in compliance with local regulations.</li> <li>● Contaminated packaging material should be disposed as identically to the product itself.</li> <li>● Non contaminated packaging material should be treated as household waste or as recycling material.</li> <li>● Cured material may be considered insert and disposed of as builders waste.</li> </ul>
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### 14. TRANSPORT INFORMATIONS

#### CLASSIFICATION

Land transport ADR/RID/GGVS/GGVE	Not considered as dangerous goods.
Inland navigation AND/ADNR	
Transport by sea IMDG/GGVSea	
Air transport ICAO/IATA	

### 15. REGULATORY INFORMATION

#### COMPONENT A

➡ Classification according to EC Council Directives 1999/45/EG

Symbol	Xi.
Classification	N-Dangerous for the environment.
Dangerous components	Bisphenol-A-Epichlorhydrine resin, CAS NO: 25068-38-6

#### R-PHRASES

R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-PHRASES	
S1/2	Keep locked up and out of the reach of children.
S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29/35	Do not empty into drains, dispose of this material and its container in a safe way.
S37/39	Wear suitable gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### COMPONENT B

➡ Classification according to EC Council Directives 1999/45/EG

Symbol	C-Corrosive.
Classification	Xn-Harmful.
Dangerous components	m-Xylylenedamine, CAS NO: 1477-55-0

R-PHRASES	
R20/22	Harmful by inhalation and if swallowed.
R43	May cause sensitization by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

S-PHRASES	
S1/2	Keep locked up and out of the reach of children.
S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately.
S61	Avoid release to the environment.

\*Refer to special instructions/safety data sheets.\*

## 16. OTHER INFORMATION

Recommended use	Refer to the current technical data sheet.
Further information	<ul style="list-style-type: none"><li>● This product must be handled only by personal well informed of safety conditions.</li><li>● The above information is based on our present knowledge, and is intended to describe the product in terms of health &amp; safety requirements only.</li><li>● No liability is accepted for any injury, loss, and damage or cost arising directly or indirectly from tries.</li><li>● Use of information of this since the customer's treatment of product is necessarily out of our control.</li><li>● The data given above is based upon products is terms of their safety requirements.</li></ul> <p>It does not guarantee the properties of the products described.</p>