



## Material Safety Data Sheet

### Section 01. PRODUCT NAME: TEXO FIX FF

INGREDIENT:	CAS #	CONCENTRATION:
Cationic Polymer	9003-05-8	45 to 55%
Water	7732-18-5	45 to 55%

### Section 02. Identification of the material and supplier

Supplier	:	<b>U.S. Corporation</b>
Recommend Use	:	<b>Free formaldehyde effective cross linker</b>
Address	:	Plot # SA/13/A, Sector # 3 North Karachi Industrial Area, Karachi-Pakistan
Tel	:	03002463978 / 03112568311
E-mail	:	<a href="mailto:info@uscorporation.net.pk">info@uscorporation.net.pk</a> , <a href="mailto:usman@uscorporation.net.pk">usman@uscorporation.net.pk</a>

### Section 03. Hazards identification

Emergency overview	:	.
	:	Causes eye irritation.
Inhalation	:	Vapors and/or mists are probably irritating to respiratory passages, nose, and throat.
Skin contact	:	Not expected to be irritating to skin. Not expected to be toxic by skin absorption.
Eye contact	:	May cause eye irritation.
Ingestion	:	Not expected to be toxic.
Known effects on other illnesses:	:	Pre-existing eye conditions may be aggravated by exposure to this product.
Listed carcinogen	:	IARC: No
NTP	:	No
OSHA	:	No
Other	:	No
<b>HMIS:</b>		
<b>Health: 1</b>		<b>Flammability: 1</b>
		<b>Reactivity: 0</b>
		<b>Personal protection: D</b>

### Section 04. First aid measures

#### After inhalation

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

#### After contact with skin

Immediately flush skin with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. If redness or irritation occurs, seek medical attention.

#### After contact with eyes

Flush eyes with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.

#### After ingestion

If victim is conscious, give large amounts of water or milk. Consult a physician. Never give anything by mouth to an unconscious person.

Conform to regulation (EC) No.286/2011 JOE No.1521100513 Compilation Dated 02/02/2015

Revised: 15/06/2018

### Section 05 - Fire fighting measures

<b>Lower explosion limit</b>	:	not tested.
<b>Upper explosion limit</b>	:	not tested.
<b>Self ignition</b>	:	not applicable
<b>Ignition temperature</b>	:	not tested.
<b>Hazardous combustion products:</b> In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Sulphur dioxide (SO <sub>2</sub> )		
<b>Extinguishing media</b>	:	Water spray jet Foam Carbon dioxide (CO <sub>2</sub> ) Dry powder

## Section 06 - Accidental release measures

### Steps to be taken in case of spill or leak

Wear proper protective equipment. Contain spill. Spills should be collected as a liquid or absorbed on suitable absorbant and placed in proper containers for disposal. Do not discharge into storm drains or the aquatic environment.

## Section 07 - Handling and storage

### Advice on safe handling

Sensitive to frost: If product becomes opaque, thickening, or frozen it can be slowly thawed at room temperature and ready for use after a short stirring time. Avoid skin and eye contact.

### Further info on storage conditions

Store in original container. Keep container closed.

## Section 08 - Exposure controls / personal protection

### Engineering controls:

Use in well ventilated areas. Keep containers closed when not in use.

### Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. Orica Personal Protection Guide No. 1, 1998: C - OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.



Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## Section 09 - Physical and chemical properties

<b>Chemical Type</b>	:	Cationic
<b>Color</b>	:	yellowish Brown to Redish Brown
<b>pH</b>	:	<b>4 -10 (1% Solution)</b>
<b>Solubility in water</b>	:	Miscible in water
<b>Stability</b>	:	Stable to hard water
<b>Relative Density</b>	:	20 °C about 1.0 g/ml

## Section 10 - Toxicological information

### Acute toxicity

<b>Dermal</b>	: Not established.
<b>Inhalation</b>	: Breathing in mists or aerosols may produce respiratory irritation
<b>Eyes irritation</b>	: Risk of serious damage to eyes.
<b>Sensitization</b>	: Not established.
<b>Mutagenicity</b>	: Not established

## Section 11 - Ecological information

**Ecotoxicity** Avoid contaminating waterways.

**Persistence/degradability and mobility** Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The material is readily biodegradable.

**Aquatic toxicity:** Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment

## Section 12 - Disposal considerations

### Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

## Section 13 - Transport information

**General information** : Not classified

## Section 14 - Regulatory information

Reactive hazard	: no
Pressure hazard	: no
Fire hazard	: no
Immediate/acute	: yes
Delayed/chronic	: no

## Section 15 - Other information

### Other precautions:

Avoid contact with skin and eyes. Wear proper protective equipment. Wash thoroughly after handling.

### Label information:

#### WARNING!

Causes eye irritation.

Avoid breathing fumes, vapors, mists or spray. Avoid contact with skin and eyes. Use with adequate ventilation and/or respiratory protection. Wash thoroughly after handling. Keep container closed when not in use.