

## MATERIAL SAFETY DATASHEET

### Section I- Identification

**Product Name:** MICROFIX HF

**Product Type:** Water based dispersion

**Manufacturer:** BinRasheed Colors and Chemicals Manufacturing Company

(An ISO 9001, ISO 14001 and ISO-45001 certified company)


**Company Address:**

338-A Sunder Industrial Estate-Lahore-54000, Pakistan

**Contact# :**

+92-42-3629-6901-5

**E-mail:**

service@binrasheed.com

**Website**

www.binrasheed.com

### Section II- Chemical Composition

**Hazardous Components**
**CAS Number**

RO Water

7732-18-5

Pigment

Non Chrome Pigments

Additives

Mixture of dispersants and emulsifier

Biocide &lt;1%

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### Section III- Hazard Identification

**Relevant Routes of Exposure:**
**Oral:** Ingestion of product may cause vomiting, nausea and diarrhea

**Optical:** Contact with eyes will cause irritation

**Dermal:** Prolonged contact with skin may cause irritation

**Inhalation:** Not hazardous. Move to well ventilated area if difficulty in breathing,

### Section IV- Fire Hazard Data

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<b>Flammability of Product:</b> Inflammable	<b>Auto Ignition Temperature:</b> Not Applicable		
<b>Explosive Range:</b> Not Applicable	<b>Unusual Fire and Explosion Hazards:</b> Not Applicable		
<b>Section V- First Aid Measures</b>			
<b>Inhalation:</b> Move the affected person to fresh air.			
<b>Dermal Contact:</b> Flush skin with plenty of water for at least 15 minutes. Clean the contaminated clothes and wash before reuse.			
<b>Eye Contact:</b> Flush eyes with plenty of water for at least 5 minutes keeping eyelids apart. Remove contact lenses.			
<b>Oral Intake:</b> Wash mouth with water. Do not give eatable to unconscious person. Get medical attention immediately.			
<b>Section VI- Accidental Release Measures</b>			
Mop or soak up spillages in absorbent materials.			
Collect the material from spill area and dispose of via licensed waste disposal contractor.			
Wear personal protective clothing, gloves, goggles and mask during cleanup.			
<b>Section VII- Exposure Control</b>			
Wear safety glasses and gloves.			
Respiratory protection is not necessary if used in ventilated area. In closed space use protective mask.			
<b>Section VIII- Handling and Storage</b>			
Product is stable under normal climatic conditions however it should be stored under shade in a dry and ventilated place.			
<b>Section IX- Physical Data</b>			
<b>Appearance</b>	Viscous Liquid	<b>Viscosity</b>	1000-2000 cP
<b>Odor</b>	Low Odor	<b>Specific Gravity</b>	1.0-1.1
<b>Color</b>	Various	<b>pH</b>	7-9
<b>Section X- Stability and Reactivity</b>			

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**Stability of product:** Stable under normal conditions.

**Reactivity:** Reactive with incompatible materials (oxidizing agents).

**Corrosive:** Not Corrosive

### **Section XI- Toxicity**

**Inhalation:** Irritant, May cause cough, sneezing, headache or throat pain

**Eye Contact:** Irritant to eyes.

**Dermal Contact:** Irritant to skin when exposed for prolonged period.

**Ingestion:** Gastrointestinal Irritation; Abdominal Pain, Nausea or Vomiting

### **Section XII- Ecological Toxicity**

**Eco Toxicity:** biocide toxicity

**Environmental Precautions:** Prevent entry in sewer system and water bodies. Do not empty into drains/soil/watercourses.

### **Section XIII- Disposal**

Dispose off in accordance with Local Authority regulations

### **Section XIV: Transport Information**

<b>Trade Name</b>	Microfix HF	<b>DOT Classification</b>	Not Regulated
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### **Section XV: Regulatory Information**

**Hazard Symbols:** Not available

**Risk phrases:**

R22: Harmful if swallowed

R36: Irritating to eyes

**Safety Phrase:**

S7: Keep container tightly closed

S24/25 Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with water

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### **Section XVI- Other Information**

The information provided in this leaflet is believed by BinRasheed Colors and Chemicals Manufacturing company to be the accurate one and is given in good faith to facilitate the end users, however it is up to end user to make necessary test before using this product, his own way and to determine the suitability of the product for user's intended application or use. This information should not be taken as warranty and ultimate standard.