

Document Update Date: 08 December 2011

Version: 1.0

### **1. Product Information**

Product Name: Tinplate

Product Number: EM5632

Specified Use: Electroless tin plating

Packaging: Supplied in 250 ml HDPE container

Manufacturer:

Electrospell Ltd

Block 7

Kelvin Campus

West of Scotland Science Park

Glasgow G20 0SP

United Kingdom

Phone: +44 (0) 141 579 3030

Fax: +44 (0) 141 579 3033

E-mail: info@electrospell.com

### **2. Contents Information**

Contains sulphuric acid, tin salts and stabilising agents in an aqueous medium.

Appearance: Clear liquid.

### **3. Handling and Storage**

(i) Handling

Keep container cap on at all times and take special care to store container in upright position. Avoid contact with skin, eyes and clothing.

(ii) Storage

Preferably store at room temperature. Do not freeze. Storage temperature range: 5 °C (41 °F) to 40 °C (104 °F).

### **4. Special Hazard Identification**

Material toxic and corrosive.

Keep away from children.

Risk phrases:

R21 Harmful in contact with skin.

R22 Harmful if swallowed.

R24 Toxic in contact with skin.

R25 Toxic if swallowed.

R36 Irritating to eyes

## **5. First Aid Measures**

### (i) After Ingestion

Administer large quantities of water. Administer milk of magnesia. Call a physician.

### (ii) After Skin Contact

If substance comes into contact with skin, wash contact area immediately with plenty of soap and water. Discard contaminated clothing.

### (iii) After Eye Contact

If substance gets inside eyes, separate eye lids and flush eyes with plenty of water for at least 5 minutes. Call a physician.

## **6. Fire Fighting Measures**

Non-flammable material.

## **7. Accidental Release Measures**

### (i) Release Containment

If accidentally released in an un-intended way, neutralize spill with acid-spillage removal agent. If this is not available then dilute the spill with plenty of water and then wipe away with cloth towels while wearing suitable gloves (either latex or nitrile).

### (ii) Exposure Controls

Do not bring into contact with human body. Wear suitable garments and gloves. Keep suitable gloves and wipes close by to deal with un-intended release events.

## **8. Chemical Stability and Reactivity**

The constituents of this product are stable for unlimited time if the product is stored in accordance with storage recommendations stated above.

## **9. Toxicological Information**

This is a highly acidic and toxic material. Does not contain cyanides. If swallowed, make the affected person drink plenty of water. Administer milk of magnesia. No animal toxicological data are available.

## **10. Transport Considerations**

This product is non-flammable and non-hazardous for transport considerations but must be carefully packaged and placed inside an outer plastic bag for transport purposes.

## **11. Disposal Considerations**

Dispose of this material in its original container. Do not dispose in public drainage system. Dispose in compliance with all local, county, state and federal regulations.

## **12. Product Disclaimer**

Electrospell has specified this product solely for its intended application and bears no responsibility for accidents and damages arising from incorrect use of this product. No liability is also accepted for loss of materials and components on account of application mismatch; proper product qualification must be carried out before large scale use in product development or manufacturing.

---