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1. Product Information

Product Name: Polypolaron

Product Number: EM443

Specified Use: Electrically conductive coating

Packaging: Supplied in 100 ml plastic container

Manufacturer:

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2. Contents Information

Contains polythiophene, polyaniline and polystyrene sulphonate in an aqueous medium.

Appearance: Dark bluish-grey liquid.

3. Handling and Storage

(i) Handling

Keep container cap on at all times except when dispensing product.

Avoid contact with skin, eyes and clothing.

(ii) Storage

Preferably store at room temperature. Refrigerate if room temperature exceeds 28 °C (82 °F).

Do not freeze.

4. Special Hazard Identification

Material harmful if ingested.

Keep away from children.

Risk phrases:

R21: Harmful in contact with skin.

R22 Harmful if swallowed.

R25 Toxic if swallowed.

5. First Aid Measures

(i) After Ingestion

Administer large quantities of water.
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, wipe away with paper or cloth towels while wearing suitable gloves (either latex or nitrile). Dispose of the wipes in a sealed container. Wash affected area with water. Can leave stains.

(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 active constituents in this product are stable at temperatures up to 28 °C (82 °F). At higher storage temperatures, irreversible chemical changes may take place that reduce the effectiveness of coatings as electrical conductors.

9. Toxicological Information

Non-toxic in small quantities (~1/2 ml). If swallowed, make the affected person drink plenty of water. Induce vomiting. No animal toxicological data are available.

10. Transport Considerations

This product is non-hazardous for transport considerations but requires refrigeration during long transport at temperatures in excess of 28 °C (82 °F). It can be safely sent through normal postal channels.

11. Disposal Considerations

Dispose of this material in its original container. Do not dispose of 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.
