

Specification for

# Cadmium anodes and cadmium oxide for electroplating

Confirmed  
May 2009

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

**BSI**  
Documents

AVA

Document Sharing Hub

# Co-operating organizations

The Surface Coatings (other than Paints) Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Assay Offices Committee of Great Britain
- Association of Metal Sprayers
- British Bolt, Nut, Screw and Rivet Federation
- British Cycle and Motor Cycle Industries Association Limited\*
- British Electrical and Allied Manufacturers' Association
- British Jewellers' Association
- British Non-Ferrous Metals Research Association\*
- British Steel Industry
- Chemical Industries Association\*
- Electricity Council, the Central Electricity Generating Board and the Area Boards in England and Wales
- Electronic Engineering Association
- Engineering Equipment Users' Association
- Greater London Council
- Institute of Metal Finishing\*
- Institute of Sheet Metal Engineers
- Institute of Vitreous Enamellers
- Metal Finishing Association\*
- Ministry of Defence, Army Department
- Ministry of Defence, Navy Department
- Ministry of Technology
- Society of Motor Manufacturers and Traders Limited\*
- Tin Research Institute\*
- Vitreous Enamel Development Council
- Zinc Development Association\*

The scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Sulphate of Copper Association
- Institution of Chemical Engineers
- Royal Institute of Chemistry
- Scientific Instrument Manufacturers Association
- Society of Chemical Industry
- United Kingdom Cutlery and Silverware Manufacturers Association
- Individual firms

This British Standard, having been approved by the Surface Coatings (other than Paints) Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 6 August 1968

© BSI 11-1999

First published July 1957  
First revision August 1968

The following BSI references relate to the work on this standard:  
Committee reference SRE/8  
Draft for comment 67/2973

ISBN 580 00260 8

## Amendments issued since publication

| Amd. No. | Date | Comments |
|----------|------|----------|
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |

# Contents

|                                                                 | Page               |
|-----------------------------------------------------------------|--------------------|
| Co-operating organizations                                      | Inside front cover |
| Foreword                                                        | ii                 |
| 1 Scope                                                         | 1                  |
| 2 Cadmium anodes                                                | 1                  |
| 3 Cadmium oxide                                                 | 1                  |
| Appendix A Apparatus and reagents for use in analytical methods | 2                  |
| Appendix B Limit test for mercury                               | 2                  |
| Appendix C Determination of cadmium oxide                       | 2                  |
| Appendix D Determination of loss on ignition                    | 3                  |
| Appendix E Determination of insoluble matter                    | 3                  |