Doc. no. 1SFC151006D0201
Rev. ind. Version 0
Date 2002-09-03
From John Björkbacka
Dept. SECRL/MP
Phone +46 21 320310
Fax +46 21 320273
E-mail john.bjorkbacka@se.abb.com

# Environmental Information

| | |
|---|---|
| Product name | Signal Towers, Signal Beacons and Buzzers |
| ABB Identity number | 1SFA 616070 –089 RXXXX<br>1SFA 616401 RXXXX |
| Information provided by<br>*(Name and e-mail address)* | John Björkbacka<br>john.bjorkbacka@se.abb.com |
| Business area | AT Low Voltage Products |
| Date | 2002-07-02 |

## 1. Related documents

Industrial IT Architecture - Introduction and Definitions, 3BSE023904

Industrial IT Certification Overview, 3BSE023905

Industrial IT Certification Guideline, 3BSE024526

Industrial IT Enabled Level 0 - Information, Introduction and Definitions, 3BSE025934

*Ref documents:*
*http://inside.abb.com/The Insider/Featured Portals/Industrial IT Deployment/06 Product Certification/Document Library*

Doc. no. 1SFC151001D0201
Rev. ind. Version 0
Date 2001-11-05

## 2. Environmental Information

### 2.1 Content of hazardous materials

Declare the presence of hazardous materials in the product. Printed circuit boards are declared separately under 2.1.1 and should be excluded from the declaration in the table below.

| **Material** | **Example application** | **Yes** | **No** | ***Quantity/unit*** *Optional* (1) |
|---|---|---|---|---|
| Lead | Batteries, cables | X | | On each circuit board |
| Cadmium | Batteries, switches, additive in lead | | X | |
| Mercury | Batteries, switches | | X | |
| Beryllium | Contact springs | X | | |
| Brominated flame retardants, e.g: PBB, PBDE, TBBPA | Additive in plastics or rubber | | X | |
| HCFCs, e.g: R 22, R 123, R 141b | Cooling media | | X | |
| SF6, sulphurhexafluoride | Breakers | | X | |
| Polyvinyl chloride, PVC | Cables | X | | |

(1) Strive to declare the quantity. This is optional, however, since it is today sometimes difficult to retrieve such information, especially regarding supplied components.

### 2.1.1 Printed circuit boards

Specify the amount of printed circuit boards used in the product by declaring the total board surface:

☒ < 1 $dm^2$

❒ 1-10 $dm^2$

❒ > 10 $dm^2$

❒ No printed circuit boards used in the product

Doc. no. 1SFC151001D0201
Rev. ind. Version 0
Date 2001-11-05

2.2 Recycling information

Is recycling information for the product available?

❒ Yes Ref. Document:.....

☒ No

If No, please specify, in the table below, the component/part/physical position where the material is present:

| **Material** | **Component/part/physical position** |
|---|---|
| Lead | On each circuit board |
| Cadmium | |
| Mercury | |
| Beryllium | In contact springs |
| Brominated flame retardants | |
| HCFCs | |
| SF6, sulphurhexafluoride | |
| Polyvinyl chloride, PVC | In cables |

2.3 Energy use and/or losses during the operation of the product

Is energy use and/or losses during operation of the product specified in the product documentation?

☒ Yes Ref. Document: Instructions for use of product or product label

❒ No

❒ Not relevant