

**Signatrol.com**

Data Logging Solutions

**MATERIAL SAFETY DATA SHEET****NON-HAZARDOUS PRODUCT****Section 1. Chemical Product and Company Information****Product No.:** SL51M/SL54M/SL50-ACC02**Description:** Holder with magnet**Manufacturer:** Signatrol Ltd  
Mythe Barns Business Park  
Mythe Road  
Tewkesbury  
Glos  
GL20 6EA**Physical and Chemical Properties**

Tolerance	+/- 0.1mm
Appearance ~	solid
Odour	none
Melting point	not determined
Boiling point	not determined
Vapour pressure	not applicable
Specific Gravity	5.5
Solubility in water	not applicable

**Section 2. Composition, Information on Ingredients****Housing:** PVC**Magnet:** Neodymium, Iron and Boron (NdFeB) in elastomer binder

<b>Ingredient Name</b>	<b>Percentage by Weight</b>
Neodymium (Nd)	33%
Iron (Fe)	61.8%
Boron (B)	1.1%
Aluminium (Al)	0.5%
Niobium (Nb)	0.5%
Cobalt (Co)	1%
Copper (Cu)	0.1%
Dysprosium (Dy)	2%

**Section 3. Hazards Identification**

We are not aware of any chemical hazards for this product.

In normal use this product is not hazardous. The magnetic field strength is such that it does not present a risk to people although persons fitted with pacemakers should avoid contact with these magnets.

**Section 4. Handling and Storage**

**Handling:** Strong magnets should be handled carefully to avoid trapping of skin etc. As a sintered product these magnets are brittle and should not be allowed to 'crash' together as pieces may break off.

**Storage:** Store in a cool dry environment.

**Section 5. Transport Information**

Product can be transported by road, air or sea.

Because of the relatively low field strength generated, they are below the limits set by U.S. Hazardous Materials Regulations 49 CFR 173.21 (less than 0.00525 gauss measured at 4.5 m (15 feet) from any surface of the package) and therefore fall outside the scope of Class 9 DG Magnetized Material (UN 2807) and no special precautions are needed for shipping by air.

**Section 5. Other Information**

Magnets can magnetically damage sensitive equipment when brought into close proximity with it, e.g. Televisions, computer screens and disks, pacemakers. Credit cards, store cards, telephone cards etc. have information stored on them magnetically, bringing these into contact with permanent magnets can wipe clear this information making the card inoperative.

**This information is believed to be correct but does not purport to be all inclusive and Signatrol Ltd shall not be held liable for any damage resulting from handling or from contact with this product.**

Signed



Date 29<sup>th</sup> November 2007

**Martin Westover  
Director**