

## SAFETY DATA SHEET

### MÄRKPENNA Artline 725, Blå 23630304

Last changed: 21/06/2012

Internal No: 23630304

#### 1 Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Trade name / designation MÄRKPENNA Artline 725, Blå 23630304  
GROUP NAME Märkpennor

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

RELEVANT IDENTIFIED USES Fibreboard of fire seal  
Fire seal

##### Vendor art. number

23630304

#### 1.3 Details of the supplier of the safety data sheet

##### NATIONAL MANUFACTURER/IMPORTER

Enterprise AB THURE BÛNGER  
Address BRUKSVÄGEN 4  
Postal code 342 35 ALVESTA  
Country SVERIGE  
Telephone +46 472 453 53

#### 1.4 Emergency Telephone Number

| Emergency Phone | Type of assistance | Opening Hours |
|-----------------|--------------------|---------------|
|                 | 112                |               |

#### 2 Hazards identification

##### 2.1 Classification of the substance or mixture

DPD Classification:

CLP Classification:

Most important HSE hazard effects:

##### 2.2 Label elements

Signal word: None

EC-Label: No

##### 2.3 Other hazards

#### 3 Composition/information on ingredients

##### 3.2 Mixtures

#### 4 First aid measures

##### 4.1 Description of first aid measures

###### INHALATION

Provide fresh air, keep the patient warm and at rest.

Get medical advice if any discomfort continues.

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### INGESTION

DO NOT INDUCE VOMITING!

Get medical advice if discomfort develops.

### SKIN CONTACT

Wash off with soap and water.

### EYE CONTACT

Flush well with running water. Get medical advice if discomfort continues.

### 4.2 Most important symptoms and effects, both acute and delayed

### 4.3 Indication of any immediate medical attention and special treatment needed

### 5 Fire-fighting measures

#### 5.1 Extinguishing media

##### SUITABLE EXTINGUISHING MEDIA:

CO<sub>2</sub>, foam, dry chemical.

#### 5.2 Special hazards arising from the substance or mixture

#### 5.3 Advice for fire-fighters

##### ADVICE FOR FIREFIGHTERS

Large fires: Respiratory protection may be necessary.

### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.2 Environmental precautions

#### 6.3 Methods and material for containment and cleaning up

##### METHODS AND MATERIAL

Can be treated as ordinary waste.

#### 6.4 Reference to other sections

### 7 Handling and Storage

#### 7.1 Precautions for safe handling

#### 7.2 Conditions for safe storage, including any incompatibilities

##### CONDITION FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed and dry.

Keep in a cool place.

Keep away from ignition sources.

#### 7.3 Specific end uses

### 8 Exposure controls / Personal protection

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#### 8.1 Control parameters

##### OEL value

| Ingredient name        | CAS no. | Range | ppm | mg/m3 | Year | Notification |
|------------------------|---------|-------|-----|-------|------|--------------|
| ethanol, ethyl alcohol | 64-17-5 | 8 h   | 500 | 1900  |      |              |

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

#### 8.2 Exposure controls

##### APPROPRIATE ENGINEERING CONTROLS

Provide good ventilation.

##### EYE PROTECTION

Avoid contact with eyes.

##### SKIN PROTECTION

Arrange working conditions to avoid prolonged contact.

### 9 Physical and chemical Properties

#### 9.1 Information on basic physical and chemical properties

| Parameter                               | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH concentrate                          | No data    |                  |             |
| pH in solution                          | No data    |                  |             |
| Melting point                           | No data    |                  |             |
| Freezing point                          | No data    |                  |             |
| Initial boiling point and boiling range | No data    |                  |             |
| Flash point                             | No data    |                  |             |
| Evaporation rate                        | No data    |                  |             |
| Flammability (solid, gas)               | No data    |                  |             |
| Flammability limits                     | No data    |                  |             |
| Explosion limits                        | No data    |                  |             |
| Vapour pressure                         | No data    |                  |             |
| Vapour density                          | No data    |                  |             |
| Relative density                        | No data    |                  |             |
| Partition coefficient                   | No data    |                  |             |
| Auto-ignition temprature                | No data    |                  |             |
| Decomposition temprature                | No data    |                  |             |
| Viscosity                               | No data    |                  |             |

#### 9.2 Other safety information

| Note no. | Comments |
|----------|----------|
|          |          |

### 10 Stability and Reactivity

#### 10.1 Reactivity

#### 10.2 Chemical stability

##### CHEMICAL STABILITY

Unstable if heated.

#### 10.3 Possibility of hazardous reactions

#### 10.4 Conditions to avoid

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### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products:

### 11 Toxicological information

#### 11.1 Toxicological effects

##### ACUTE TOXICITY - DERMAL

Prolonged or repeated contact may cause irritation.

##### SERIOUS EYE DAMAGE/IRRITATION

Eye irritation

### 12 Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

#### 12.3 Bioaccumulative potential

#### 12.4 Mobility in soil

#### 12.5 Results of PBT and vPvB assessment

#### 12.6 Other adverse effects

### 13 Disposal considerations

#### 13.1 Waste treatment methods

##### GENERAL REGULATIONS

Can be treated as ordinary waste. EWC 080112 Municipal authorities must be informed of all major spills.

### 14 Transport information

Classified as Dangerous Goods: **No**

#### Land transport (ADR/RID)

|                           |                 |                            |                 |
|---------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No.               | Not applicable. | 14.4 Packing group         | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es)            | Not applicable. |                            |                 |
| Hazard label(s)           | Not applicable. |                            |                 |
| Hazard ID:                | Not applicable. | Tunnel restriction code    | Not applicable. |

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### Inland water ways transport (ADN)

|  |                 |                                   |                 |
|--|-----------------|-----------------------------------|-----------------|
| <b>14.1 UN-No.</b>   | Not applicable. | <b>14.4 Packing group</b>         | Not applicable. |
| <b>14.2 Proper Shipping Name</b>                               | Not applicable. | <b>14.5 Environmental hazards</b> | Not applicable. |
| <b>14.3 Class(es) Enviromentally hazardous in tank-vessels</b> | Not applicable. |                                   |                 |

### Sea transport (IMDG)

|   |                 |                                   |                 |
|---|-----------------|-----------------------------------|-----------------|
| <b>14.1 UN-No.</b>  | Not applicable. | <b>14.4 Packing group</b>         | Not applicable. |
| <b>14.2 Proper Shipping Name</b>  | Not applicable. | <b>14.5 Environmental hazards</b> | Not applicable. |
| <b>14.3 Class(es) Sub Risk: IMDG Code segregation group Marine pollutant EMS:</b> | Not applicable. |                                   |                 |

### Air transport (ICAO-TI / IATA-DGR)

|                                       |                 |                                   |                 |
|---------------------------------------|-----------------|-----------------------------------|-----------------|
| <b>14.1 UN-No.</b>                    | Not applicable. | <b>14.4 Packing group</b>         | Not applicable. |
| <b>14.2 Proper Shipping Name</b>      | Not applicable. | <b>14.5 Environmental hazards</b> | Not applicable. |
| <b>14.3 Class(es) Hazard label(s)</b> | Not applicable. |                                   |                 |

## 15 Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2 Chemical Safety Assessment**

## 16 Other information

### VENDOR NOTES

Information in this safety data sheet is based on our present knowledge, and is intended to be a description of the health and safety aspects of the product.