



**Productname :** Marker Pen      **Creationdate :** 07.04.15 Version : 2.0  
**Ref.Nr.:** BDS000907\_3\_20150407 (EN)      **Replaces:** BDS000907\_20111201

Harmful in contact with skin.  
Acute toxicity, category 4  
Harmful if inhaled.  
Skin irritation, category 2  
Causes skin irritation.

**Environment:** Not classified

### Classification according to 67/548/EEC or 1999/45/EC:

Xn : HARMFUL

**Health:** R20/21: Harmful by inhalation and in contact with skin.  
R38: Irritating to skin.

**Physical:** R10: Flammable.

**Environment:** Not classified

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008

**Product identifier:** Contains:  
xylene

**Hazard pictogram(s):**



**Signal word:** Warning

**Hazard statement(s):** H226 : Flammable liquid and vapour.  
H312 : Harmful in contact with skin.  
H332 : Harmful if inhaled.  
H315 : Causes skin irritation.

**Precautionary statement(s):** P102 : Keep out of reach of children.  
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 : Use only outdoors or in a well-ventilated area.  
P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
P302/352 : IF ON SKIN: Wash with plenty of soap and water.  
P312 : Call a POISON CENTER or doctor/physician if you feel unwell.  
P501-2 : Dispose of contents/container to an authorised waste collection point.

**Supplemental Hazard information:** For professional users only.

The label information is reduced in accordance with section 1.5.2 of Annex I (art 29 CLP-regulation)

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.



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### 3.2. Mixtures

No information available  
(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>Contact with eyes :</b> | If substance has got into eyes, immediately wash out with water for at least 15 minutes<br>Seek medical advice                                     |
| <b>Contact with skin :</b> | Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water<br>Seek medical advice       |
| <b>Inhalation :</b>        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>Call a POISON CENTER or doctor/physician if you feel unwell.         |
| <b>Ingestion :</b>         | If swallowed do not induce vomiting because of risk of aspiration into the lungs.<br>If aspiration is suspected obtain immediate medical attention |

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

|                       |  |
|-----------------------|--|
| <b>Inhalation :</b>   | Harmful by inhalation.<br>Symptoms : sore throat, cough, shortness of breath, headache                               |
| <b>Ingestion :</b>    | May induce chemical pneumonia.<br>Symptoms : sore throat, abdominal pain, nausea, vomiting                           |
| <b>Skin contact :</b> | Harmful in contact with skin<br>Repeated exposure may cause skin dryness or cracking.<br>Symptoms : redness and pain |
| <b>Eye contact :</b>  | May cause irritation.<br>Symptoms : redness and pain   |

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

|                         |   |
|-------------------------|---|
| <b>General Advice :</b> | If you feel unwell, seek medical advice (show the label where possible)<br>If symptoms persist always call a doctor |
|-------------------------|---|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

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

Forms hazardous decomposition products  
CO,CO2



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### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

## SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Use only outdoors or in a well-ventilated area.  
Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
Place in appropriate container

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Use only outdoors or in a well-ventilated area.  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep in a cool, dry, well ventilated place  
Keep out of reach of children.

### 7.3. Specific end use(s)



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Paints

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

|                                     |   |
|-------------------------------------|---|
| <b>Control procedures :</b>         | Use only outdoors or in a well-ventilated area.<br>Keep away from heat and sources of ignition<br>Take precautionary measures against static discharges |
| <b>Personal protection :</b>        | Take precautions to avoid contact with skin and eyes when handling the product.<br>Do not breathe aerosols or vapours.                                  |
| <b>inhalation :</b>                 | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| recommended respiratory protection: | Air purifying respirator equipped with organic gas/vapor cartridge (type A)   |
| <b>hands and skin :</b>             | Wear suitable protective gloves against chemicals   |
| Recommended gloves:                 | Nitrile   |
| <b>eyes :</b>                       | Wear safety goggles.  |

## SECTION 9: Physical and chemical properties

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

|   |                    |
|---|--------------------|
| <b>Apperance : physical state :</b>     | Liquid.            |
| <b>colour :</b>                         | Red.               |
| <b>odour :</b>                          | Aromatic.          |
| <b>pH :</b>                             | Not applicable.    |
| <b>Boiling point/range :</b>            | > 100 °C           |
| <b>Flash point :</b>                    | 25 °C (Closed Cup) |
| <b>Evaporation rate :</b>               | Not available.     |
| <b>Explosion limits : upper limit :</b> | Not available.     |
| <b>lower limit :</b>                    | Not available.     |
| <b>Vapour pressure :</b>                | Not available.     |
| <b>Relative density :</b>               | 0.9 Not available. |
| <b>Solubility in water :</b>            | Insoluble in water |
| <b>Auto-ignition :</b>                  | > 200 °C           |
| <b>Viscosity :</b>                      | Not available.     |

### 9.2. Other information

**VOC:** 47 %



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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure:

|                       |  |
|-----------------------|--|
| <b>Inhalation :</b>   | Harmful by inhalation.<br>Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| <b>Ingestion :</b>    | May cause gastrointestinal disturbances  |
| <b>Skin contact :</b> | Harmful in contact with skin<br>Irritating to skin   |
| <b>Eye contact :</b>  | May cause irritation.  |

#### Toxicological data :

No information available

## SECTION 12: Ecological information



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**12.1. Toxicity**

Not classified

**Ecotoxicological data:**

No information available

**12.2. Persistence and degradability**

No experimental data available

**12.3. Bioaccumulative potential**

No experimental data available

**12.4. Mobility in soil**

Insoluble in water

**12.5. Results of PBT and vPvB assessment**

No information available

**12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

**SECTION 14: Transport information****14.1. UN number**

UN-number : 1263

**14.2. UN proper shipping name**

Proper shipping name: PAINT

**14.3. Transport hazard class(es)**





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|                      |                           |                       |                        |
|----------------------|---------------------------|-----------------------|------------------------|
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