

# BALL PAINT MARKER®

LA-CO Industries, Inc.

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)  
Date of issue: 07/17/2015  
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Version: 1.1

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

### 1.1. Product identifier

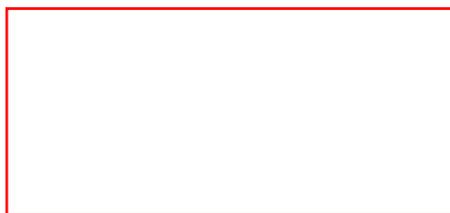
Product form : Article  
Product name : BALL PAINT MARKER®  
Synonyms : BALL PAINT MARKER® - White, Yellow, Red, Black, Blue, Green, Orange

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

Use of the substance/mixture : Paint.

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

LA-CO Industries, Inc.  
1201 Pratt Boulevard  
Elk Grove Village, IL. 60007-5746  
Phone: (847) 956-7600  
Fax: (847) 956-9885  
E-mail: customer\_service@laco.com



### 1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Not classified

### 2.2. Label elements

#### GHS-US labelling

No labelling applicable

### 2.3. Other hazards

#### 2.4. Unknown acute toxicity (GHS US)

0.26 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

0.26 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

0.26 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                 | Product identifier | % (w/w)  | GHS-US classification                 |
|----------------------|--------------------|--|---------------------------------------|
| 1-Methoxy-2-propanol | (CAS No) 107-98-2  | 50.56 White<br>46.12 Yellow<br>43.56 Red<br>44.66 Black<br>43.93 Blue<br>42.83 Green<br>43.49 Orange | Flam. Liq. 3, H226<br>STOT SE 3, H336 |
| ethanol              | (CAS No) 64-17-5   | 5.69 White<br>11.54 Yellow<br>6.65 Red<br>8.64 Black<br>5.29 Blue<br>4.96 Green<br>5.19 Orange       | Flam. Liq. 2, H225                    |

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| Name  | Product identifier | % (w/w)  | GHS-US classification  |
|---|--------------------|--|--|
| 2-methoxy-1-methylethyl acetate   | (CAS No) 108-65-6  | 0.26 – 0.53 White<br>0.3 – 0.6 Yellow<br>0.34 – 0.68 Red<br>0.23 – 0.47 Black<br>0.21 – 0.43 Blue<br>0.8 – 1.6 Green<br>0.91 – 1.83 Orange | Flam. Liq. 3, H226   |
| 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) | (CAS No) 2786-76-7 | 2.71 Red<br>0.82 Orange  | Skin Sens. 1, H317   |
| Isopropanol   | (CAS No) 67-63-0   | 1 White<br>2.04 Yellow<br>1.17 Red<br>1.53 Black<br>0.93 Blue<br>0.88 Green<br>0.92 Orange   | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336 |
| Ethyl acetate   | (CAS No) 141-78-6  | 1.36 Yellow<br>1.32 Red<br>1.43 Black<br>1.3 Blue<br>1.25 Green<br>1.25 Orange   | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336 |
| Carbon black  | (CAS No) 1333-86-4 | 0.78 Black   | Carc. 2, H351  |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.
- First-aid measures after ingestion : Do NOT induce vomiting. Get medical advice/attention.

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

- Symptoms/injuries after inhalation : May cause drowsiness or dizziness.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Small fires: Carbon dioxide. Dry chemical. Foam. Inert gas. Large fires: Water fog. Water spray.
- Unsuitable extinguishing media : None known.

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

- Fire hazard : Burning produces irritating, toxic and noxious fumes. Carbon oxides (CO, CO<sub>2</sub>). Highly flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.
- Reactivity : No dangerous reactions known.

#### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Cool adjacent structures and containers with water spray to protect and prevent ignition. Eliminate all ignition sources if safe to do so.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

### SECTION 6: Accidental release measures

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

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Avoid all eye and skin contact and do not breathe vapour and mist.

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### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

### 6.1.2. For emergency responders

Emergency procedures : Stop leak if safe to do so. Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Eliminate all ignition sources. Stop the flow of material, if this is without risk.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up in non-combustible absorbent material and shove into container for disposal.

### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : No open flames. No smoking. Use only non-sparking tools. Avoid all eye and skin contact and do not breathe vapour and mist. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.

Storage conditions : Keep in fireproof place. Keep container closed when not in use.

Incompatible products : Strong oxidizers.

Incompatible materials : Heat sources.

Storage temperature : < 50 °C

Heat and ignition sources : Keep away from heat, sparks and flame.

Prohibitions on mixed storage : Keep away from incompatible materials.

Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

Marking.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| BALL PAINT MARKER®                         |                                 |                         |
|--|---------------------------------|-------------------------|
| ACGIH                                      | Not applicable                  |                         |
| OSHA                                       | Not applicable                  |                         |
| 1-Methoxy-2-propanol (107-98-2)            |                                 |                         |
| ACGIH                                      | ACGIH TWA (mg/m <sup>3</sup> )  | 369 mg/m <sup>3</sup>   |
| ACGIH                                      | ACGIH TWA (ppm)                 | 50 ppm                  |
| ACGIH                                      | ACGIH STEL (mg/m <sup>3</sup> ) | 553 mg/m <sup>3</sup>   |
| ACGIH                                      | ACGIH STEL (ppm)                | 100 ppm                 |
| ACGIH                                      | Remark (ACGIH)                  | Eye irr; CNS impair; A4 |
| OSHA                                       | Not applicable                  |                         |
| Canada (Quebec)                            | VECD (mg/m <sup>3</sup> )       | 553 mg/m <sup>3</sup>   |
| Canada (Quebec)                            | VECD (ppm)                      | 150 ppm                 |
| Canada (Quebec)                            | VEMP (mg/m <sup>3</sup> )       | 369 mg/m <sup>3</sup>   |
| Canada (Quebec)                            | VEMP (ppm)                      | 100 ppm                 |
| 2-methoxy-1-methylethyl acetate (108-65-6) |                                 |                         |
| ACGIH                                      | Not applicable                  |                         |

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| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>   |                                     |  |
|---|-------------------------------------|--|
| OSHA  | Not applicable                      |  |
| <b>ethanol (64-17-5)</b>  |                                     |  |
| ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 1884 mg/m <sup>3</sup>   |
| ACGIH   | ACGIH TWA (ppm)                     | 1000 ppm   |
| ACGIH   | ACGIH STEL (ppm)                    | 1000 ppm   |
| ACGIH   | Remark (ACGIH)                      | URT irr  |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 1900 mg/m <sup>3</sup>   |
| OSHA  | OSHA PEL (TWA) (ppm)                | 1000 ppm   |
| Canada (Quebec)   | VEMP (mg/m <sup>3</sup> )           | 1880 mg/m <sup>3</sup>   |
| Canada (Quebec)   | VEMP (ppm)                          | 1000 ppm   |
| <b>Isopropanol (67-63-0)</b>  |                                     |  |
| ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 490 mg/m <sup>3</sup>  |
| ACGIH   | ACGIH TWA (ppm)                     | 200 ppm  |
| ACGIH   | ACGIH STEL (mg/m <sup>3</sup> )     | 960 mg/m <sup>3</sup>  |
| ACGIH   | ACGIH STEL (ppm)                    | 400 ppm  |
| ACGIH   | Remark (ACGIH)                      | Eye & URT irr; CNS impair  |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 980 mg/m <sup>3</sup>  |
| OSHA  | OSHA PEL (TWA) (ppm)                | 400 ppm  |
| Canada (Quebec)   | VECD (mg/m <sup>3</sup> )           | 1230 mg/m <sup>3</sup>   |
| Canada (Quebec)   | VECD (ppm)                          | 500 ppm  |
| Canada (Quebec)   | VEMP (mg/m <sup>3</sup> )           | 983 mg/m <sup>3</sup>  |
| Canada (Quebec)   | VEMP (ppm)                          | 400 ppm  |
| <b>Ethyl acetate (141-78-6)</b>   |                                     |  |
| ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 1440 mg/m <sup>3</sup>   |
| ACGIH   | ACGIH TWA (ppm)                     | 400 ppm  |
| ACGIH   | Remark (ACGIH)                      | URT & eye irr  |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 1400 mg/m <sup>3</sup>   |
| OSHA  | OSHA PEL (TWA) (ppm)                | 400 ppm  |
| Canada (Quebec)   | VEMP (mg/m <sup>3</sup> )           | 1440 mg/m <sup>3</sup>   |
| Canada (Quebec)   | VEMP (ppm)                          | 400 ppm  |
| <b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol &lt;1%) (2786-76-7)</b> |                                     |  |
| ACGIH   | Not applicable                      |  |
| OSHA  | Not applicable                      |  |
| <b>Carbon black (1333-86-4)</b>   |                                     |  |
| ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 3.5 mg/m <sup>3</sup>  |
| ACGIH   | Remark (ACGIH)                      | Bronchitis   |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 3.5 mg/m <sup>3</sup>  |
| Canada (Quebec)   | VEMP (mg/m <sup>3</sup> )           | 10 mg/m <sup>3</sup> (Fibres de carbone et de graphite; Poussière totale)<br>5 mg/m <sup>3</sup> (Fibres de carbone et de graphite; Poussière respirable)<br>3.5 mg/m <sup>3</sup> |

### 8.2. Exposure controls

|                                  |   |
|----------------------------------|---|
| Appropriate engineering controls | : Ensure good ventilation of the work station.        |
| Personal protective equipment    | : Avoid all unnecessary exposure.                     |
| Hand protection                  | : None under normal use.                              |
| Eye protection                   | : None under normal use.                              |
| Respiratory protection           | : None under normal use.                              |
| Consumer exposure controls       | : Keep out of reach of children.                      |
| Other information                | : Do not eat, drink or smoke when using this product. |

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### SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                              | : Liquid  |
| Appearance                                  | : Solid marker containing liquid colored paint. |
| Colour                                      | : Variable.                                     |
| Odour                                       | : Solvent.                                      |
| Odour threshold                             | : No data available                             |
| pH  | : No data available                             |
| Relative evaporation rate (butyl acetate=1) | : < 1   |
| Melting point                               | : No data available                             |
| Freezing point                              | : No data available                             |
| Boiling point                               | : 120 °C  |
| Flash point                                 | : 13 °C   |
| Auto-ignition temperature                   | : 287 °C  |
| Decomposition temperature                   | : No data available                             |
| Flammability (solid, gas)                   | : No data available                             |
| Vapour pressure                             | : 11.8  |
| Relative vapour density at 20 °C            | : No data available                             |
| Relative density                            | : 1 - 1.33                                      |
| Solubility                                  | : insoluble in water.                           |
| Log Pow                                     | : 0.7   |
| Log Kow                                     | : No data available                             |
| Viscosity, kinematic                        | : No data available                             |
| Viscosity, dynamic                          | : No data available                             |
| Explosive properties                        | : No data available                             |
| Oxidising properties                        | : No data available                             |
| Explosive limits                            | : No data available                             |

#### 9.2. Other information

VOC content : 50 - 60 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Open flame. Direct sunlight.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

May release flammable gases. Burning produces irritating, toxic and noxious fumes. Carbon oxides (CO, CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| 1-Methoxy-2-propanol (107-98-2)            |                           |
|--|---------------------------|
| LD50 oral rat                              | 4016 mg/kg bodyweight     |
| LD50 dermal rat                            | > 2000 mg/kg bodyweight   |
| LC50 inhalation rat (ppm)                  | > 7000 ppm 6 hr           |
| ATE CLP (oral)                             | 4016.000 mg/kg bodyweight |
| 2-methoxy-1-methylethyl acetate (108-65-6) |                           |
| LD50 oral rat                              | 8532 mg/kg                |
| LD50 dermal rat                            | > 2000 mg/kg              |

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| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>   |                              |
|---|------------------------------|
| LC50 inhalation rat (ppm)   | 4345 ppm 6 h                 |
| ATE CLP (oral)  | 8532.000 mg/kg bodyweight    |
| <b>ethanol (64-17-5)</b>  |                              |
| LD50 oral rat   | 10470 mg/kg                  |
| LD50 dermal rabbit  | > 20000 mg/kg                |
| LC50 inhalation rat (mg/l)  | 133.8 mg/l/4h                |
| ATE CLP (oral)  | 10470.000 mg/kg bodyweight   |
| ATE CLP (vapours)   | 133.800 mg/l/4h              |
| ATE CLP (dust,mist)   | 133.800 mg/l/4h              |
| <b>Isopropanol (67-63-0)</b>  |                              |
| LD50 oral rat   | 5840 mg/kg                   |
| LD50 dermal rabbit  | 16.4 ml/kg                   |
| LC50 inhalation rat (ppm)   | > 10000 ppm/4h               |
| ATE CLP (oral)  | 5840.000 mg/kg bodyweight    |
| <b>Ethyl acetate (141-78-6)</b>   |                              |
| LD50 oral rat   | 5620 mg/kg                   |
| LD50 dermal rabbit  | > 20000 mg/kg                |
| LC50 inhalation rat (mg/l)  | > 18 mg/l/4h                 |
| ATE CLP (oral)  | 5620.000 mg/kg bodyweight    |
| <b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol &lt;1%) (2786-76-7)</b> |                              |
| LD50 oral rat   | > 15000 mg/kg                |
| LC50 inhalation rat (mg/l)  | > 1580 mg/m <sup>3</sup> 4 h |
| <b>Carbon black (1333-86-4)</b>   |                              |
| LD50 oral rat   | > 8000 mg/kg                 |
| LC50 inhalation rat (mg/l)  | > 4.6 mg/m <sup>3</sup> 4 h  |

|  |                   |
|--|-------------------|
| <b>Skin corrosion/irritation</b>         | : Not classified  |
| <b>Serious eye damage/irritation</b>     | : Not classified  |
| <b>Respiratory or skin sensitisation</b> | : Not classified. |
| <b>Germ cell mutagenicity</b>            | : Not classified  |
| <b>Carcinogenicity</b>                   | : Not classified. |

| <b>Isopropanol (67-63-0)</b>             |  |
|--|--|
| IARC group                               | 3 - Not classifiable                                     |
| <b>Carbon black (1333-86-4)</b>          |  |
| IARC group                               | 2B - Possibly carcinogenic to humans, Inhalation of dust |
| National Toxicology Program (NTP) Status | Not listed in carcinogenicity class                      |

|  |                                      |
|--|--------------------------------------|
| <b>Reproductive toxicity</b>                               | : Not classified                     |
| <b>Specific target organ toxicity (single exposure)</b>    | : Not classified.                    |
| <b>Specific target organ toxicity (repeated exposure)</b>  | : Not classified                     |
| <b>Aspiration hazard</b>                                   | : Not classified                     |
| <b>Potential adverse human health effects and symptoms</b> |                                      |
| Symptoms/injuries after inhalation                         | : May cause drowsiness or dizziness. |
| Likely routes of exposure                                  | : Inhalation;Skin and eye contact    |

## SECTION 12: Ecological information

### 12.1 Toxicity

| <b>1-Methoxy-2-propanol (107-98-2)</b>            |                 |
|---|-----------------|
| LC50 fish 1                                       | 20800 mg/l      |
| EC50 Daphnia 1                                    | 23300 mg/l      |
| ErC50 (algae)                                     | > 1000 mg/l     |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b> |                 |
| LC50 fish 1                                       | 100 - 180 mg/l  |
| EC50 Daphnia 1                                    | > 500 mg/l 48 h |

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| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>   |                 |
|---|-----------------|
| ErC50 (algae)   | > 1000 mg/l     |
| <b>ethanol (64-17-5)</b>  |                 |
| LC50 fish 1   | 14200 mg/l      |
| EC50 Daphnia 1  | 5012 mg/l       |
| <b>Isopropanol (67-63-0)</b>  |                 |
| LC50 fish 1   | 10000 mg/l      |
| <b>Ethyl acetate (141-78-6)</b>   |                 |
| LC50 fish 1   | 220 mg/l        |
| EC50 Daphnia 1  | 1200 mg/l       |
| NOEC chronic fish   | < 9.35 mg/l     |
| <b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol &lt;1%) (2786-76-7)</b> |                 |
| LC50 fish 1   | > 500 mg/l 96 h |
| EC50 Daphnia 1  | > 110 mg/l 48 h |

### 12.2. Persistence and degradability

| <b>1-Methoxy-2-propanol (107-98-2)</b>  |                            |
|---|----------------------------|
| Persistence and degradability   | Readily biodegradable.     |
| Biodegradation  | 96 % 28 d                  |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>   |                            |
| Persistence and degradability   | Readily biodegradable.     |
| Biodegradation  | 89 % 10 d                  |
| <b>ethanol (64-17-5)</b>  |                            |
| Biodegradation  | > 96 % 28 d                |
| <b>Isopropanol (67-63-0)</b>  |                            |
| Persistence and degradability   | Readily biodegradable.     |
| <b>Ethyl acetate (141-78-6)</b>   |                            |
| Persistence and degradability   | Readily biodegradable.     |
| <b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol &lt;1%) (2786-76-7)</b> |                            |
| Persistence and degradability   | Not readily biodegradable. |
| Biodegradation  | 0 % 28 d                   |
| <b>Carbon black (1333-86-4)</b>   |                            |
| Persistence and degradability   | Not readily biodegradable. |

### 12.3. Bioaccumulative potential

| <b>BALL PAINT MARKER®</b>   |                                |
|---|--------------------------------|
| Log Pow   | 0.7                            |
| <b>1-Methoxy-2-propanol (107-98-2)</b>  |                                |
| Bioaccumulative potential   | Not expected to bioaccumulate. |
| <b>2-methoxy-1-methylethyl acetate (108-65-6)</b>   |                                |
| Log Pow   | 0.43                           |
| <b>ethanol (64-17-5)</b>  |                                |
| Bioaccumulative potential   | Not expected to bioaccumulate. |
| <b>Isopropanol (67-63-0)</b>  |                                |
| Bioaccumulative potential   | Not expected to bioaccumulate. |
| <b>Ethyl acetate (141-78-6)</b>   |                                |
| Bioaccumulative potential   | Not expected to bioaccumulate. |
| <b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol &lt;1%) (2786-76-7)</b> |                                |
| BCF fish 1  | 53 l/kg                        |
| Log Pow   | 1.28                           |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.  
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Handle empty containers with care because residual vapours are flammable.

### SECTION 14: Transport information

In accordance with DOT and TDG

Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, II  
UN-No.(DOT) : UN1263  
Proper Shipping Name (DOT) : Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base  
Transport hazard class(es) (DOT) : 3 - Flammable liquid  
Packing group (DOT) : II - Medium Danger

#### ADR

Transport document description : UN 1263 PAINT, 3, II, (D/E)  
Proper Shipping Name (ADR) : PAINT  
Packing group (ADR) : II  
Transport hazard class(es) (ADR) : 3

#### Transport by sea

UN-No. (IMDG) : UN 1263  
Proper Shipping Name (IMDG) : PAINT  
Transport hazard class(es) (IMDG) : 3  
Packing group (IMDG) : II

#### Air transport

UN-No. (IATA) : UN 1263  
Proper Shipping Name (IATA) : Paint  
Transport hazard class(es) (IATA) : 3  
Packing group (IATA) : II

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### 1-Methoxy-2-propanol (107-98-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### 2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### ethanol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Isopropanol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

|                                     |             |
|-------------------------------------|-------------|
| SARA Section 311/312 Hazard Classes | Fire hazard |
|-------------------------------------|-------------|

##### Ethyl acetate (141-78-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

|  |         |
|--|---------|
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 5000 lb |
|--|---------|

##### 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Carbon black (1333-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

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### 1-Methoxy-2-propanol (107-98-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### 2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### ethanol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### Isopropanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### Ethyl acetate (141-78-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

## EU-Regulations

### 1-Methoxy-2-propanol (107-98-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### 2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### ethanol (64-17-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Isopropanol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Ethyl acetate (141-78-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Carbon black (1333-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

## National regulations

### BALL PAINT MARKER®

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).  
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).  
All ingredients are listed in the Toxic Substances Control Act (TSCA).

## 15.3. US State regulations

### BALL PAINT MARKER®

State or local regulations

The carbon black in this product is bound and is not respirable. California Prop. 65 warnings are not required.

### Carbon black (1333-86-4)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
|---|---|---|---|-----------------------------------|
| Yes   | No  | No  | No  |                                   |

### 1-Methoxy-2-propanol (107-98-2)

U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Right to Know List of Hazardous Chemicals

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### ethanol (64-17-5)

U.S. - New Jersey - Right to Know Hazardous Substance List

### Isopropanol (67-63-0)

U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List

### Ethyl acetate (141-78-6)

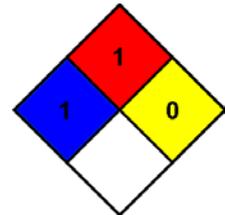
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - List of Hazardous Substances

### Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16: Other information

|                            |   |
|----------------------------|---|
| Indication of changes      | : SECTION 15.   |
| Data sources               | : ACGIH (American Conference of Government Industrial Hygienists).<br>European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> .<br>Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.<br>National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.<br>OSHA 29CFR 1910.1200 Hazard Communication Standard.<br>TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> . |
| Abbreviations and acronyms | : ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number.<br>CLP: Classification, Labelling, Packaging.<br>EC50: Environmental Concentration associated with a response by 50% of the test population.<br>GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).<br>LD50: Lethal Dose for 50% of the test population.<br>OSHA: Occupational Safety & Health Administration.<br>PBT: Persistent, Bioaccumulative, Toxic.<br>TWA: Time Weight Average.<br>TSCA: Toxic Substances Control Act.  |
| Other information          | : None.   |
| NFPA health hazard         | : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.   |
| NFPA fire hazard           | : 1 - Must be preheated before ignition can occur.  |
| NFPA reactivity            | : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.  |



### Full text of H-statements:

|               |  |
|---------------|--|
| Carc. 2       | Carcinogenicity, Category 2  |
| Eye Irrit. 2A | Serious eye damage/eye irritation, Category 2A                         |
| Flam. Liq. 2  | Flammable liquids, Category 2  |
| Flam. Liq. 3  | Flammable liquids, Category 3  |
| Skin Sens. 1  | Sensitisation — Skin, Category 1                                       |
| STOT SE 3     | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225          | Highly flammable liquid and vapour                                     |
| H226          | Flammable liquid and vapour  |
| H317          | May cause an allergic skin reaction                                    |
| H319          | Causes serious eye irritation  |
| H336          | May cause drowsiness or dizziness                                      |
| H351          | Suspected of causing cancer  |

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LACO NA GHS SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*