

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)  
Issue date: 9/23/2020 Revision date: 7/6/2021 Version: 2.0

**SECTION 1: Identification****1.1. Identification**

Product form : Mixture  
Product name : Paint-Riter™ Valve Action Paint Marker Black, Purple

**1.2. Recommended use and restrictions on use**

Use of the substance/mixture : Marking.  
Restrictions on use : Any use not specified

**1.3. Supplier**

LA-CO Industries  
1201 Pratt Blvd.  
Elk Grove Village, IL, 60007-5746  
US  
T 847-956-7600 - F 847-956-9885  
[customer\\_service@laco.com](mailto: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;  
全国应急中心 0532 8388 9090

**SECTION 2: Hazard(s) identification****2.1. Classification of the substance or mixture****GHS classification**

|  |      |                                      |
|--|------|--------------------------------------|
| Flammable liquids, Category 2  | H225 | Highly flammable liquid and vapour.  |
| Serious eye damage/eye irritation, Category 2                          | H319 | Causes serious eye irritation.       |
| Skin sensitisation, category 1B  | H317 | May cause an allergic skin reaction. |
| Specific target organ toxicity — Single exposure, Category 3, Narcosis | H336 | May cause drowsiness or dizziness.   |

Full text of H-statements: see section 16

**2.2. GHS Label elements, including precautionary statements****GHS labelling**

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS\_US) :

H225 - Highly flammable liquid and vapour.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.

Precautionary statements (GHS) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

P302+P352 - If on skin: Wash with plenty of water.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a poison center/doctor if you feel unwell  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No data available

### 2.4. Unknown acute toxicity (GHS\_US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | % (w/w)   | GHS classification  |
|--|---------------------|-----------|---|
| 1-Methoxy-2-propanol   | CAS-No.: 107-98-2   | 30 - 60   | Flam. Liq. 3, H226<br>STOT SE 3, H336                                 |
| Ethanol  | CAS-No.: 64-17-5    | 10 - 25   | Flam. Liq. 2, H225  |
| Isopropanol  | CAS-No.: 67-63-0    | 1 - 10    | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336          |
| Rosin, fumarated, polymer with ethylene glycol and pentaerythritol | CAS-No.: 68152-57-8 | 3 - 7     | Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 4, H413 |
| Titanium dioxide   | CAS-No.: 13463-67-7 | 0 - 5     | Carc. 2, H351   |
| Carbon black   | CAS-No.: 1333-86-4  | 0 - 2     | Carc. 2, H351   |
| Ethyl acetate  | CAS-No.: 141-78-6   | 0.5 - 1.5 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336          |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and 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 person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

- before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- 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 (acute and delayed)

- Symptoms/effects after inhalation : May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : May cause an allergic skin reaction.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry chemical. Inert gas. Foam. Water spray. Water fog.
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : Highly flammable liquid and vapour. Burning produces irritating, toxic and noxious fumes. Flammable vapours may accumulate in the container. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source.
- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbon.

### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses. 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.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Refer to section 8.2.
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Refer to section 8.2.
- 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. Take precautionary measures against static discharge. 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.

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

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

Storage conditions : Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition.  
Incompatible products : Strong oxidizers.  
Incompatible materials : Heat sources.  
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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Paint-Riter™ Valve Action Paint Marker Black, Purple

No data available

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

##### USA - ACGIH - Occupational Exposure Limits

|                                 |   |
|---------------------------------|---|
| Local name                      | 1-Methoxy-2-propanol  |
| ACGIH TWA (mg/m <sup>3</sup> )  | 369 mg/m <sup>3</sup>   |
| ACGIH OEL TWA [ppm]             | 50 ppm  |
| ACGIH STEL (mg/m <sup>3</sup> ) | 553 mg/m <sup>3</sup>   |
| ACGIH OEL STEL [ppm]            | 100 ppm   |
| Remark (ACGIH)                  | Eye irr; CNS impair; A4 (Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data. In vitro or animal studies do not provide indications of carcinogenicity which are sufficient to classify the agent into one of the other categories) |

##### USA - NIOSH - Occupational Exposure Limits

|                      |                       |
|----------------------|-----------------------|
| NIOSH REL TWA        | 360 mg/m <sup>3</sup> |
| NIOSH REL TWA [ppm]  | 100 ppm               |
| NIOSH REL STEL       | 540 mg/m <sup>3</sup> |
| NIOSH REL STEL [ppm] | 150 ppm               |

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

##### USA - ACGIH - Occupational Exposure Limits

|                                |                           |
|--------------------------------|---------------------------|
| Local name                     | Ethyl acetate             |
| ACGIH TWA (mg/m <sup>3</sup> ) | 1440 mg/m <sup>3</sup>    |
| ACGIH OEL TWA [ppm]            | 400 ppm                   |
| Remark (ACGIH)                 | TLV® Basis: URT & eye irr |
| Regulatory reference           | ACGIH 2021                |

##### USA - OSHA - Occupational Exposure Limits

|                                |                          |
|--------------------------------|--------------------------|
| Local name                     | Ethyl acetate            |
| OSHA PEL TWA [1]               | 1400 mg/m <sup>3</sup>   |
| OSHA PEL TWA [2]               | 400 ppm                  |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

| <b>Ethyl acetate (141-78-6)</b>  |  |
|--|--|
| <b>USA - NIOSH - Occupational Exposure Limits</b>                                      |  |
| NIOSH REL TWA  | 1400 mg/m <sup>3</sup>   |
| NIOSH REL TWA [ppm]  | 400 ppm  |
| <b>Rosin, fumarated, polymer with ethylene glycol and pentaerythritol (68152-57-8)</b> |  |
| No data available  |  |
| <b>Carbon black (1333-86-4)</b>  |  |
| <b>USA - ACGIH - Occupational Exposure Limits</b>                                      |  |
| Local name   | Carbon black   |
| ACGIH TWA (mg/m <sup>3</sup> )   | 3 mg/m <sup>3</sup> (I - Inhalable particulate matter)   |
| Remark (ACGIH)   | TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference   | ACGIH 2021   |
| <b>USA - OSHA - Occupational Exposure Limits</b>                                       |  |
| Local name   | Carbon black   |
| OSHA PEL TWA [1]   | 3.5 mg/m <sup>3</sup>  |
| Regulatory reference (US-OSHA)   | OSHA Annotated Table Z-1   |
| <b>USA - NIOSH - Occupational Exposure Limits</b>                                      |  |
| NIOSH REL TWA  | 3.5 mg/m <sup>3</sup>  |
| NIOSH REL STEL   | 0.1 mg/m <sup>3</sup>  |
| <b>Ethanol (64-17-5)</b>   |  |
| <b>USA - ACGIH - Occupational Exposure Limits</b>                                      |  |
| Local name   | Ethanol  |
| ACGIH TWA (mg/m <sup>3</sup> )   | 1884 mg/m <sup>3</sup>   |
| ACGIH OEL TWA [ppm]  | 1000 ppm   |
| ACGIH OEL STEL [ppm]   | 1000 ppm   |
| Remark (ACGIH)   | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)    |
| Regulatory reference   | ACGIH 2021   |
| <b>USA - OSHA - Occupational Exposure Limits</b>                                       |  |
| Local name   | Ethyl alcohol (Ethanol)  |
| OSHA PEL TWA [1]   | 1900 mg/m <sup>3</sup>   |
| OSHA PEL TWA [2]   | 1000 ppm   |
| Regulatory reference (US-OSHA)   | OSHA Annotated Table Z-1   |
| <b>USA - NIOSH - Occupational Exposure Limits</b>                                      |  |
| NIOSH REL TWA  | 1900 mg/m <sup>3</sup>   |
| NIOSH REL TWA [ppm]  | 1000 ppm   |
| <b>Isopropanol (67-63-0)</b>   |  |

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

| <b>Isopropanol (67-63-0)</b>                      |  |
|---|--|
| <b>USA - ACGIH - Occupational Exposure Limits</b> |  |
| Local name  | 2-Propanol   |
| ACGIH TWA (mg/m <sup>3</sup> )                    | 490 mg/m <sup>3</sup>  |
| ACGIH OEL TWA [ppm]                               | 200 ppm  |
| ACGIH STEL (mg/m <sup>3</sup> )                   | 960 mg/m <sup>3</sup>  |
| ACGIH OEL STEL [ppm]                              | 400 ppm  |
| Remark (ACGIH)                                    | TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI             |
| Regulatory reference                              | ACGIH 2021   |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |  |
| Local name  | 2-PROPANOL   |
| BEI   | 40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns |
| Regulatory reference                              | ACGIH 2021   |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |  |
| Local name  | Isopropyl alcohol  |
| OSHA PEL TWA [1]                                  | 980 mg/m <sup>3</sup>  |
| OSHA PEL TWA [2]                                  | 400 ppm  |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1   |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |  |
| NIOSH REL TWA                                     | 980 mg/m <sup>3</sup>  |
| NIOSH REL TWA [ppm]                               | 400 ppm  |
| NIOSH REL STEL                                    | 1225 mg/m <sup>3</sup>   |
| NIOSH REL STEL [ppm]                              | 500 ppm  |
| <b>Titanium dioxide (13463-67-7)</b>              |  |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |  |
| Local name  | Titanium dioxide   |
| ACGIH TWA (mg/m <sup>3</sup> )                    | 10 mg/m <sup>3</sup>   |
| Remark (ACGIH)                                    | TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)                                    |
| Regulatory reference                              | ACGIH 2021   |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |  |
| Local name  | Titanium dioxide (Total dust)  |
| OSHA PEL TWA [1]                                  | 15 mg/m <sup>3</sup>   |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1   |

### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Provide local exhaust ventilation of closed transfer systems to minimize exposures. Avoid creating mist or spray. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

In case of repeated or prolonged contact wear gloves. Butyl rubber gloves. short term. nitrile rubber gloves

#### Eye protection:

Chemical goggles or safety glasses

#### Respiratory protection:

None under normal use

## 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                             |
| Melting point                              | : No data available                             |
| Freezing point                             | : No data available                             |
| Boiling point                              | : 78.3 °C                                       |
| Flash point                                | : 12.2 °C                                       |
| Relative evaporation rate (butylacetate=1) | : < 1   |
| Flammability (solid, gas)                  | : Flammable liquid and vapour.                  |
| 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   |
| Auto-ignition temperature                  | : 287 °C  |
| Decomposition temperature                  | : No data available                             |
| Viscosity, kinematic                       | : No data available                             |
| Viscosity, dynamic                         | : No data available                             |
| Explosive limits                           | : No data available                             |
| Explosive properties                       | : No data available                             |
| Oxidising properties                       | : 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

Flammable liquid and vapour.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks.

### 10.5. Incompatible materials

Strong oxidizing agents.

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

### 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 (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : 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         |

| Ethyl acetate (141-78-6) |                       |
|--------------------------|-----------------------|
| LD50 Oral rat            | 4934 mg/kg            |
| LD50 Dermal rabbit       | > 20000 mg/kg         |
| LC50 Inhalation rat      | > 18 mg/l/4h          |
| ATE (oral)               | 4934 mg/kg bodyweight |

| Carbon black (1333-86-4) |                             |
|--------------------------|-----------------------------|
| LD50 Oral rat            | > 8000 mg/kg                |
| LC50 Inhalation rat      | > 4.6 mg/m <sup>3</sup> 4 h |

| Ethanol (64-17-5)   |                        |
|---------------------|------------------------|
| LD50 Oral rat       | 10470 mg/kg            |
| LD50 Dermal rabbit  | > 20000 mg/kg          |
| LC50 Inhalation rat | 133.8 mg/l/4h          |
| ATE (oral)          | 10470 mg/kg bodyweight |
| ATE (vapours)       | 133.8 mg/l/4h          |
| ATE (dust,mist)     | 133.8 mg/l/4h          |

| Isopropanol (67-63-0)     |                        |
|---------------------------|------------------------|
| LD50 Oral rat             | 5840 mg/kg             |
| LD50 Dermal rabbit        | 16.4 ml/kg             |
| LC50 Inhalation rat [ppm] | > 10000 ppm/4h         |
| ATE (oral)                | 5840 mg/kg bodyweight  |
| ATE (dermal)              | 16400 mg/kg bodyweight |

| Titanium dioxide (13463-67-7) |                |
|-------------------------------|----------------|
| LD50 Oral rat                 | > 5000 mg/kg   |
| LC50 Inhalation rat           | > 6.82 mg/l/4h |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified. (The chemicals used are not available in the physical form known to cause



# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

cancer.)

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

IARC group 2B - Possibly carcinogenic to humans, Inhalation of dust

### Ethanol (64-17-5)

IARC group 1 - Carcinogenic to humans, Alcoholic beverages

### Isopropanol (67-63-0)

IARC group 3 - Not classifiable

### Titanium dioxide (13463-67-7)

NOAEL (chronic, oral, animal/male, 2 years) 5 mg/kg bodyweight rat

Additional data Carcinogen, cat 1A or 1B  
Inhalation of dust

IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified

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

NOAEL (animal/male, F0/P) 26400 mg/kg

NOAEL (animal/female, F0/P) 26400 mg/kg

STOT-single exposure : May cause drowsiness or dizziness.

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

STOT-single exposure May cause drowsiness or dizziness.

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

STOT-single exposure May cause drowsiness or dizziness.

### Isopropanol (67-63-0)

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

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

NOAEL (subchronic, oral, animal/male, 90 days) 900 mg/kg bodyweight

NOAEL (subchronic, oral, animal/female, 90 days) 900 mg/kg bodyweight

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Likely routes of exposure : Inhalation. Skin and eye contact.

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

LC50 fish 1 20800 mg/l

EC50 crustacea 23300 mg/l

ErC50 algae > 1000 mg/l

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

LC50 fish 1 220 mg/l

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

| Ethyl acetate (141-78-6) |                  |
|--------------------------|------------------|
| EC50 crustacea           | 1200 mg/l        |
| NOEC chronic fish        | > 75.6 mg/l 32 d |

| Ethanol (64-17-5) |            |
|-------------------|------------|
| LC50 fish 1       | 14200 mg/l |
| EC50 crustacea    | 5012 mg/l  |

| Isopropanol (67-63-0) |            |
|-----------------------|------------|
| LC50 fish 1           | 10000 mg/l |

### 12.2. Persistence and degradability

| Paint-Riter™ Valve Action Paint Marker Black, Purple |                  |
|--|------------------|
| Persistence and degradability                        | Not established. |

| 1-Methoxy-2-propanol (107-98-2) |                        |
|---------------------------------|------------------------|
| Persistence and degradability   | Readily biodegradable. |
| Biodegradation                  | 96 % 28 d              |

| Ethyl acetate (141-78-6)      |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| Carbon black (1333-86-4)      |                            |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |

| Ethanol (64-17-5) |             |
|-------------------|-------------|
| Biodegradation    | > 96 % 28 d |

| Isopropanol (67-63-0)         |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

### 12.3. Bioaccumulative potential

| Paint-Riter™ Valve Action Paint Marker Black, Purple |                  |
|--|------------------|
| Log Pow  | 0.7              |
| Bioaccumulative potential                            | Not established. |

| 1-Methoxy-2-propanol (107-98-2) |                                |
|---------------------------------|--------------------------------|
| Bioaccumulative potential       | Not expected to bioaccumulate. |

| Ethyl acetate (141-78-6)  |                                |
|---------------------------|--------------------------------|
| Bioaccumulative potential | Not expected to bioaccumulate. |

| Ethanol (64-17-5)         |                                |
|---------------------------|--------------------------------|
| Bioaccumulative potential | Not expected to bioaccumulate. |

| Isopropanol (67-63-0)     |                                |
|---------------------------|--------------------------------|
| Bioaccumulative potential | Not expected to bioaccumulate. |

### 12.4. Mobility in soil

| Paint-Riter™ Valve Action Paint Marker Black, Purple |                    |
|--|--------------------|
| Ecology - soil                                       | No data available. |

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

### 12.5. Other adverse effects

Other information : No data available.

## SECTION 13: Disposal considerations

### 13.1. Disposal 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

### 14.1. UN number

DOT NA No : UN1263  
UN-No. (TDG) : UN 1263  
UN-No. (IMDG) : 1263  
UN-No. (IATA) : 1263

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base)  
Proper Shipping Name (TDG) : PAINT  
Proper Shipping Name (IMDG) : PAINT  
Proper Shipping Name (IATA) : PAINT

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : 3  
Hazard labels (DOT) : 3



#### TDG

Transport hazard class(es) (TDG) : 3

#### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3  
Danger labels (IATA) : 3



### 14.4. Packing group

Packing group (DOT) : II  
Packing group (TDG) : II

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

Packing group (IMDG) : II  
Packing group (IATA) : II

### 14.5. Environmental hazards

Other information : No supplementary information available.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

|                |                   |              |
|----------------|-------------------|--------------|
| Isopropanol    | CAS-No. 67-63-0   | 1 - 10%      |
| Aluminum oxide | CAS-No. 1344-28-1 | 0 – 0.03465% |

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

|           |         |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

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

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

### 15.2. International regulations

#### Paint-Riter™ Valve Action Paint Marker Black, Purple

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

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

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Chinese Catalog of Hazardous Chemicals.  
Listed on Chinese List of Hazardous Chemicals for Priority Management-SAWS  
Listed on the China threshold of permit for use of hazardous chemicals  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on the Korea Designated Existing Substances List (First Batch).  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

#### Rosin, fumarated, polymer with ethylene glycol and pentaerythritol (68152-57-8)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on Taiwan National Chemical Inventory  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Not listed on Philippines Inventory of Chemicals and Chemical Substances (PICCS)  
Unlisted introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

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

Listed on IARC (International Agency for Research on Cancer)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on Taiwan National Chemical Inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

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

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).  
Listed on the Japanese ISHL (Industrial Safety and Health Law)

### Ethanol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)

### Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on Taiwan National Chemical Inventory  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

## 15.3. US State regulations

### Paint-Riter™ Valve Action Paint Marker Black, Purple

|                            |  |
|----------------------------|--|
| State or local regulations | The Carbon black in this product is bound and is not respirable.<br>The titanium dioxide in this product is bound and is not respirable.<br>California Prop. 65 warnings are not required. |
|----------------------------|--|

| Component                      | State or local regulations  |
|--------------------------------|---|
| 1-Methoxy-2-propanol(107-98-2) | U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List   |
| Ethyl acetate(141-78-6)        | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances; U.S. - Pennsylvania - RTK (Right to Know) List |
| Carbon black(1333-86-4)        | U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - New Jersey - Right to Know Hazardous Substance List  |
| Ethanol(64-17-5)               | U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List   |
| Isopropanol(67-63-0)           | U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List   |
| Titanium dioxide(13463-67-7)   | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List  |

## SECTION 16: Other information

Revision date : 07/06/2021  
Data sources : ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th

# Paint-Riter™ Valve Action Paint Marker Black, Purple

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

Other information

: None.

| Full text of H-statements |   |
|---------------------------|---|
| 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.                            |
| H413                      | May cause long lasting harmful effects to aquatic life. |

| Abbreviations and acronyms |   |
|----------------------------|---|
|                            | ATE: Acute Toxicity Estimate  |
|                            | CAS (Chemical Abstracts Service) number   |
|                            | CLP: Classification, Labelling, Packaging.  |
|                            | EC50: Environmental Concentration associated with a response by 50% of the test population. |
|                            | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).              |
|                            | LD50: Lethal Dose for 50% of the test population  |
|                            | OSHA: Occupational Safety & Health Administration   |
|                            | PBT: Persistent, Bioaccumulative, Toxic   |
|                            | TWA: Time Weighted Average  |
|                            | TSCA: Toxic Substances Control Act  |

NFPA health hazard

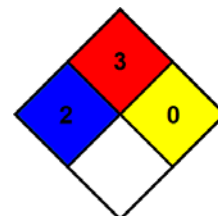
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



### Indication of changes:

Composition/information on ingredients.

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.