

WHITE FIELD MARKING LATEX PAINT PAVEMENT MARKING PAINT

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 05/01/2017

Revision date: 04/02/2018

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : WHITE FIELD MARKING LATEX PAINT PAVEMENT MARKING PAINT
Product code : 70212
Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended use : Coatings and paints

1.3. Supplier

Cloverdale Paint Inc.
400- 2630 Croydon Drive
V3Z 6T3 SURREY - CANADA
T 1-(604)-596-6261
www.cloverdalepaint.com

1.4. Emergency telephone number

Emergency number : 613-996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Skin sensitisation, H317
Category 1
Carcinogenicity, H351
Category 2
Hazardous to the H402
aquatic environment —
Acute Hazard,
Category 3
Hazardous to the H412
aquatic environment —
Chronic Hazard,
Category 3

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Warning

Hazard statements (GHS-CA) : H317 - May cause an allergic skin reaction.
H351 - Suspected of causing cancer (Inhalation, oral).
H402 - Harmful to aquatic life
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS-CA) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust, mist, spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear eye protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
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

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2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

0.35% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

0.35% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % | Classification (GHS-CA) |
|-----------------------------------|---|----------------------|-----|---|
| Latex Resin | | | 12 | Skin Sens. 1, H317 |
| Titanium Dioxide | C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO ₂) / CI 77891 / Titanium(IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium dioxide nanoparticles / TITANIUM DIOXIDE / Titanium oxide | (CAS-No.) 13463-67-7 | 9.3 | Carc. 2, H351 |
| 3-iodo-2-PROPYNYL BUTYL CARBAMATE | Carbamate, 3-iodo-2-propynyl butyl- / 3-iodo-2-propynyl butylcarbamate / 3-iodo-2-propynyl n-butylcarbamate / Carbamic acid, butyl-, 3-iodo-2-propynyl ester / Iodo-2-propynylbutylcarbamate, 3- / Iodocarb / IPBC / 3-iodo-2-propynylbutylcarbamate / Carbamic acid, N-butyl-, 3-iodo-2-propyn-1-yl ester / Iodopropynyl butylcarbamate / IODOPROPYNYL BUTYLCARBAMATE / 3-iodo-2-propynyl-n-butylcarbamate | (CAS-No.) 55406-53-6 | 0.1 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

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 after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. |

4.2. Most important symptoms and effects (acute and delayed)

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

4.3. Immediate medical attention and special treatment, if necessary

| | |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

No additional information available

5.4. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

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6.2. Methods and materials for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Titanium Dioxide (13463-67-7) | | |
|-------------------------------|-------------------------------------|---|
| USA - ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| USA - OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) |
| Canada (Quebec) | VEMP (mg/m ³) | 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust) |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (total dust) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Brunswick | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Foundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Yukon | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 30 mppcf |

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : white |
| Odour | : ammonia-like |
| Odour threshold | : No data available |
| pH | : 8.5 - 9.5 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : $\approx 0^{\circ}\text{C}$ |
| Boiling point | : $\approx 100^{\circ}\text{C}$ |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Vapour pressure at 50 °C | : No data available |
| Specific gravity | : 1.3 |
| Density | : 11.2 lb/gal |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Explosive limits | : No data available |

9.2. Other information

| | |
|-------------|------------|
| VOC content | : < 35 g/l |
|-------------|------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------------------------------|--|
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : None under recommended storage and handling conditions (see section 7). |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

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 |

| | |
|---------------------------------|--|
| Unknown acute toxicity (GHS-CA) | 0.35% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 0.35% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) |
|---------------------------------|--|

| | |
|---|--------------|
| 3-iodo-2-propynyl butyl carbamate (55406-53-6) | |
| LD50 oral rat | 1470 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

| | |
|--------------------------------------|---------------|
| Titanium Dioxide (13463-67-7) | |
| LD50 oral rat | > 10000 mg/kg |

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| | |
|-------------------------------------|---|
| Skin corrosion/irritation | : Not classified pH: 8.5 - 9.5 |
| Serious eye damage/irritation | : Not classified pH: 8.5 - 9.5 |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Suspected of causing cancer (Inhalation, oral). |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|---|
| Ecology - general | : Harmful to aquatic life. Harmful to aquatic life with long lasting effects. |
| Acute aquatic toxicity | : Harmful to aquatic life. |
| Chronic aquatic toxicity | : Harmful to aquatic life with long lasting effects. |

3-IODO-2-PROPYNYL BUTYL CARBAMATE (55406-53-6)

| | |
|-------------|--|
| LC50 fish 1 | 0.14 - 0.32 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through]) |
| LC50 fish 2 | 0.049 - 0.079 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

| | |
|-------|------------------|
| Ozone | : Not classified |
|-------|------------------|

SECTION 13: Disposal considerations

13.1. Disposal methods

| | |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

14.2. Transport information/DOT

Department of Transport

Not regulated for transport

14.3. Air and sea transport

IMDG

Not regulated for transport

IATA

Not regulated for transport

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SECTION 15: Regulatory information

15.1. National regulations

3-iodo-2-propynyl butyl carbamate (55406-53-6)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

3-iodo-2-propynyl butyl carbamate (55406-53-6)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemical

Titanium Dioxide (13463-67-7)

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

Latex Resin

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Date of issue : 05/01/2017

Revision date : 04/02/2018

Full text of H-statements:

| | |
|------|---|
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H351 | Suspected of causing cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H402 | Harmful to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

SDS Canada (GHS)

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