

Revision Date: 22-May-2019

**Revision Number: 2** 

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Product Code Alternate Product Code SAP Material Number Product Class Color Recommended use Restrictions on use

# LATEX TRAFFIC PAINT WHITE TP-2210F, 3001302

HC3100, HC3199 NA, 3001302 Water thinned paint White Latex paint No information available

# Manufactured For

Benjamin Moore & Co., Limited 8775 Keele Street Concord ON L4K 2N1 Phone: 1-800-361-5898 insl-x.ca

# Manufacturer

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 Phone: 1-866-708-9180 insl-x.com Emergency Telephone CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

# **Classification**

This chemical is not considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

# Label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Appearance liquid

Odor little or no odor

# Other information

No information available

# 3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical name                      | CAS No.    | Weight-%    | Hazardous Material<br>Information Review Act<br>registry number<br>(HMIRA registry #) | Date HMIRA filed and<br>date exemption granted<br>(if applicable) |
|------------------------------------|------------|-------------|---|---|
| Limestone                          | 1317-65-3  | 10 - 30%    | -   | -   |
| Titanium dioxide                   | 13463-67-7 | 3 - 7%      | -   | -   |
| Propylene glycol                   | 57-55-6    | 1 - 5%      | -   | -   |
| Sodium C14-C16 olefin<br>sulfonate | 68439-57-6 | 0.1 - 0.25% | -   | -   |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

# 4. FIRST AID MEASURES

| General Advice                  | No hazards which require special first aid measures.  |
|---------------------------------|---|
| Eye Contact                     | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                |
| Skin Contact                    | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Inhalation                      | Move to fresh air. If symptoms persist, call a physician.   |
| Ingestion                       | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.        |
| Most Important Symptoms/Effects | None known.   |
| Notes To Physician              | Treat symptomatically.  |

# 5. FIRE-FIGHTING MEASURES

| Suitable Extinguishing Media                          | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                |
|---|--|
| Protective equipment and precautions for firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Specific Hazards Arising From The Chemical            | Closed containers may rupture if exposed to fire or extreme heat.  |
| Sensitivity to mechanical impact                      | No   |
| Sensitivity to static discharge                       | No   |

| Flash Point Data<br>Flash point (°F)<br>Flash Point (°C)<br>Method |                 | Not applicable<br>Not applicable<br>Not applicable |                         |
|--|-----------------|--|-------------------------|
| Flammability Limits In Air   |                 |  |                         |
| Lower flammability limit:<br>Upper flammability limit:             |                 | Not applicable<br>Not applicable                   |                         |
| NFPA Health: 1   | Flammability: 0 | Instability: 0                                     | Special: Not Applicable |
| NFPA Legend<br>0 - Not Hazardous<br>1 - Slightly                   |                 |  |                         |

2 - Moderate

- 3 High
- 4 Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

# 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** 

**Other Information** 

Prevent further leakage or spillage if safe to do so.

Avoid contact with skin, eyes and clothing. Ensure

**Environmental precautions** 

**Methods for Cleaning Up** 

See Section 12 for additional Ecological Information.

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Keep container tightly closed. Keep out of the reach of

Storage

Incompatible Materials

No information available

adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

children.

#### **Exposure Limits**

| Chemical name | ACGIH TLV | Alberta        | British Columbia           | Ontario | Quebec                       |
|---------------|-----------|----------------|----------------------------|---------|------------------------------|
| Limestone     | N/E       | 10 mg/m³ - TWA | 10 mg/m <sup>3</sup> - TWA | N/E     | 10 mg/m <sup>3</sup> - TWAEV |
|               |           |                | 3 mg/m³ - TWA              |         |                              |

|                  |                            |                | 20 mg/m <sup>3</sup> - STEL |                             |                              |
|------------------|----------------------------|----------------|-----------------------------|-----------------------------|------------------------------|
| Titanium dioxide | 10 mg/m <sup>3</sup> - TWA | 10 mg/m³ - TWA | 10 mg/m <sup>3</sup> - TWA  | 10 mg/m³ - TWA              | 10 mg/m <sup>3</sup> - TWAEV |
|                  | -                          | -              | 3 mg/m <sup>3</sup> - TWA   | -                           | _                            |
| Propylene glycol | N/E                        | N/E            | N/E                         | 10 mg/m³ - TWA              | N/E                          |
|                  |                            |                |                             | 50 ppm - TWA                |                              |
|                  |                            |                |                             | 155 mg/m <sup>3</sup> - TWA |                              |

Legend ACGIH - American Conference of Governmental Industrial Hygienists Alberta - Alberta Occupational Exposure Limits British Columbia - British Columbia Occupational Exposure Limits **Ontario - Ontario Occupational Exposure Limits** Quebec - Quebec Occupational Exposure Limits

N/E - Not established

**Hygiene Measures** 

#### **Engineering Measures**

# Personal Protective Equipment Eye/Face Protection **Skin Protection**

**Respiratory Protection** 

# Ensure adequate ventilation, especially in confined areas.

Safety glasses with side-shields. Protective gloves and impervious clothing. In case of insufficient ventilation wear suitable respiratory equipment.

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

le or no odor o information available .65- 11.75 39 - 1.41 o information available - 60 - 40 - 50 - 70 100 2 )0 ot applicable ot applicable ot applicable ot applicable ot applicable ot applicable o information available o information available

Decomposition Temperature (°F) Decomposition Temperature (°C) Partition coefficient No information available No information available No information available

**10. STABILITY AND REACTIVITY** 

| Reactivity                         | Not Applicable                           |
|------------------------------------|--|
| Chemical Stability                 | Stable under normal conditions.          |
| Conditions to avoid                | Prevent from freezing.                   |
| Incompatible Materials             | No materials to be especially mentioned. |
| Hazardous Decomposition Products   | None under normal use.                   |
| Possibility of hazardous reactions | None under normal conditions of use.     |

# **11. TOXICOLOGICAL INFORMATION**

# Product Information Information on likely routes of exposure

**Principal Routes of Exposure** 

Eye contact, skin contact and inhalation.

Acute Toxicity Product Information

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available

No information available

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Eye contact<br>Skin contact | May cause slight irritation<br>Substance may cause slight skin irritation. Prolonged or<br>repeated contact may dry skin and cause irritation. |
|-----------------------------|--|
| Inhalation                  | May cause irritation of respiratory tract.   |
| Ingestion                   | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  |
| Sensitization               | No information available.  |
| Neurological Effects        | No information available.  |
| Mutagenic Effects           | No information available.  |
| Reproductive Effects        | No information available.  |
| Developmental Effects       | No information available.  |
| Target organ effects        | No information available.  |
| STOT - single exposure      | No information available.  |
| STOT - repeated exposure    | No information available.  |
| Other adverse effects       | No information available.  |
| Aspiration Hazard           | No information available.  |

Numerical measures of toxicity

# The following values are calculated based on chapter 3.1 of the GHS document

| ATEmix (oral)   | 1484 |
|-----------------|------|
| ATEmix (dermal) | 1232 |

14844 mg/kg 1232429 mg/kg

# Component Information

| Chemical name                   | Oral LD50           | Dermal LD50            | Inhalation LC50 |
|---------------------------------|---------------------|------------------------|-----------------|
| Titanium dioxide                | > 10000 mg/kg (Rat) | -                      | -               |
| 13463-67-7                      |                     |                        |                 |
| Propylene glycol                | = 20 g/kg (Rat)     | = 20800 mg/kg (Rabbit) | -               |
| 57-55-6                         |                     |                        |                 |
| Sodium C14-C16 olefin sulfonate | = 2310 mg/kg (Rat)  | = 6300 mg/kg (Rabbit)  | -               |
| 68439-57-6                      |                     |                        |                 |

# Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:.

| Chemical name    | IARC                           | NTP |
|------------------|--------------------------------|-----|
|                  | 2B - Possible Human Carcinogen |     |
| Titanium dioxide |                                |     |

• Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

#### Legend

IARC - International Agency for Research on Cancer NTP - National Toxicity Program OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

# **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

# **Product Information**

#### Acute Toxicity to Fish

No information available

# Acute Toxicity to Aquatic Invertebrates

No information available

# Acute Toxicity to Aquatic Plants

No information available

# Persistence / Degradability

No information available.

# **Bioaccumulation**

No information available.

# Mobility in Environmental Media

No information available.

#### <u>Ozone</u>

No information available

# **Component Information**

#### Acute Toxicity to Fish

<u>Titanium dioxide</u> LC50: > 1000 mg/L (Fathead Minnow - 96 hr.) <u>Propylene glycol</u> LC50: 710 mg/L (Fathead Minnow - 96 hr.)

# Acute Toxicity to Aquatic Invertebrates

Propylene glycol EC50: > 10000 mg/L (Daphnia magna - 24 hr.)

Acute Toxicity to Aquatic Plants

No information available

13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Method

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

TDG

Not regulated

ICAO / IATA

IMDG / IMO

Not regulated

Not regulated

# 15. REGULATORY INFORMATION

# International Inventories

| <b>TSCA: United States</b> |  |
|----------------------------|--|
| DSL: Canada                |  |

Yes - All components are listed or exempt. Yes - All components are listed or exempt.

# National Pollutant Release Inventory (NPRI)

#### NPRI Parts 1-4

This product contains the following Parts 1-4 NPRI chemicals:

None

# NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

None

#### WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

| 16. OTHER INFORMATION |  |                 |               |  |  |  |
|-----------------------|--|-----------------|---------------|--|--|--|
| HMIS -                | Health: 1  | Flammability: 0 | Reactivity: 0 | PPE: -                                     |  |  |
| Note: The PPE rat     | ard<br>d<br>azard<br>ard<br>ard<br>ard<br>• supervisor or S.O.P. |                 |               | ployees from the hazards the material will |  |  |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @

http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked\_questions-questions\_posees-eng.php.

| Prepared By         | Product Stewardship Department<br>Benjamin Moore & Co.<br>101 Paragon Drive<br>Montvale, NJ 07645<br>800-225-5554 |
|---------------------|---|
| Revision Date:      | 22-May-2019   |
| Reason for revision | Not available   |

**Disclaimer** 

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

# **End of Safety Data Sheet**