

Revision Date: 29-Mar-2024 Revision Number: 1

# 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HP QUICK DRY ALKYD ENAMEL GLOSS - WHITE

Product Code HP2300-01FR

Alternate Product Code UF7901

Product Class SOLVENT THINNED PAINT

**Color** White **Recommended use** Paint

Restrictions on use No information available

**Manufactured For** 

Benjamin Moore & Co., Limited

8775 Keele Street Concord ON L4K 2N1 Phone: 1-800-361-5898

www.benjaminmoore.com/en-ca

Manufacturer

Benjamin Moore & Co. 101 Paragon Drive

Montvale, NJ 07645 Phone: 1-866-708-9180 www.benjaminmoore.com **Emergency Telephone** 

CHEMTREC: +1 703-741-5970 / 1-800-424-9300 +1 703-527-3887 (outside US & Canada)

CANUTEC: 613-996-6666 (Transport Emergency Only)

# 2. HAZARDS IDENTIFICATION

# Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration hazard	Category 1
Flammable liquids	Category 2

#### Label elements

# Danger

#### Hazard statements

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause genetic defects

May cause cancer

May damage fertility or the unborn child

May cause respiratory irritation

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Highly flammable liquid and vapor



Appearance liquid

Odor solvent

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# **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Use only outdoors or in a well-ventilated area

Wash face, hands and any exposed skin thoroughly after handling

Contaminated work clothing should not be allowed out of the workplace

Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Ground and bond container and receiving equipment

Use only non-sparking tools

Take action to prevent static discharges

Keep cool

Wear protective gloves/clothing and eye/face protection

# **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Eyes** 

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

GLOSS - WHITE

If skin irritation or rash occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage** 

Store locked up

Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal** 

Dispose of contents/container to an approved waste disposal plant

Other information

No information available

# COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Xylene	1330-20-7	10 - 30%	-	-
Titanium dioxide	13463-67-7	10 - 30%	-	-
Ethyl benzene	100-41-4	3 - 7%	-	-
Kaolin	1332-58-7	3 - 7%	-	-
Methyl acetate	79-20-9	1 - 5%	-	-
4-Chlorobenzotrifluoride	98-56-6	0.5 - 1%	-	-
Hexanoic acid, 2-ethyl-, zirconium salt	22464-99-9	0.1 - 0.25%	-	-
Methyl ethyl ketoxime	96-29-7	0.1 - 0.25%	-	-
Isobutyl alcohol	78-83-1	0.1 - 0.25%	-	-

Confidential Business Information note

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

# 4. FIRST AID MEASURES

**General Advice** 

If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

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Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a

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specialist.

Skin Contact Wash off immediately with soap and plenty of water while

removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.

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**Inhalation** Move to fresh air. If symptoms persist, call a physician.

If not breathing, give artificial respiration. Call a physician

immediately.

**Ingestion** Clean mouth with water and afterwards drink plenty of

water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Consult a physician.

Protection Of First-Aiders

Use personal protective equipment.

Most Important Symptoms/Effects May cause allergic skin reaction.

Notes To Physician Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

Flammable Properties Vapors may travel considerable distance to a source of

ignition and flash back. Vapors may cause flash fire.

Suitable Extinguishing Media Foam, dry powder or water. 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.

Hazardous combustion products

Burning may result in carbon dioxide, carbon monoxide

and other combustion products of varying composition

which may be toxic and/or irritating.

Specific Hazards Arising From The Chemical Flammable. Flash back possible over considerable

distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. Thermal decomposition can lead to release of irritating gases and

vapors.

Sensitivity to mechanical impact No

Sensitivity to static discharge Yes

Flash Point Data

Flash point (°F) 50

Flash Point (°C) 10
Method PMCC

Flammability Limits In Air

Lower flammability limit:No data availableUpper flammability limit:No data available

**NFPA** 

Health hazards 2
Flammability 3
Stability 0

Special: Not Applicable

#### **NFPA Legend**

0 - Not Hazardous

- 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 Remove all sources of ignition. Take precautions to

prevent flashback. Ground and bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal

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protective equipment.

Other Information Prevent further leakage or spillage if safe to do so. Do not

allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be

contained.

**Environmental precautions**See Section 12 for additional Ecological Information.

Methods for Cleaning Up Dam up. Soak up with inert absorbent material. Use a

non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Clean

contaminated surface thoroughly.

# 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing. Wear personal

protective equipment. Do not breathe vapors or spray mist. Use only in ventilated areas. Prevent vapor build-up by providing adequate ventilation during and after use.

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Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may occur.

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children.

Incompatible with strong acids and bases and strong oxidizing agents.

# Incompatible Materials

Storage

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Exposure Limits**

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Xylene	TWA: 20 ppm	100 ppm - TWA 434 mg/m³ - TWA 150 ppm - STEL 651 mg/m³ - STEL	100 ppm - TWA 150 ppm - STEL	100 ppm - TWA 150 ppm - STEL	100 ppm - TWAEV 434 mg/m³ - TWAEV 150 ppm - STEV 651 mg/m³ - STEV
Titanium dioxide	TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter	10 mg/m³ - TWA	10 mg/m³ - TWA 3 mg/m³ - TWA	10 mg/m³ - TWA	10 mg/m³ - TWAEV
Ethyl benzene	Ototoxicant - potential to cause hearing disorders TWA: 20 ppm	100 ppm - TWA 434 mg/m³ - TWA 125 ppm - STEL 543 mg/m³ - STEL	20 ppm - TWA	20 ppm - TWA	100 ppm - TWAEV 434 mg/m³ - TWAEV 125 ppm - STEV 543 mg/m³ - STEV
Kaolin	TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	2 mg/m³ - TWA	2 mg/m³ - TWA	2 mg/m³ - TWA	5 mg/m³ - TWAEV
Methyl acetate	STEL: 250 ppm TWA: 200 ppm	200 ppm - TWA 606 mg/m³ - TWA 250 ppm - STEL 757 mg/m³ - STEL	200 ppm - TWA 250 ppm - STEL	200 ppm - TWA 250 ppm - STEL	200 ppm - TWAEV 606 mg/m³ - TWAEV 250 ppm - STEV 757 mg/m³ - STEV
4-Chlorobenzotrifluoride	TWA: 2.5 mg/m³ F As Fluorides [RR-02792-9] TWA: 2.5 mg/m³ F	2.5 mg/m³ - TWA	2.5 mg/m³ - TWA	2.5 mg/m³ - TWA	2.5 mg/m³ - TWAEV

Hexanoic acid, 2-ethyl-,	STEL: 10 mg/m³ Zr	5 mg/m³ - TWA	5 mg/m³ - TWA	5 mg/m³ - TWA	5 mg/m³ - TWAEV
zirconium salt	As Zirconium	10 mg/m³ - STEL	10 mg/m <sup>3</sup> - STEL	10 mg/m <sup>3</sup> - STEL	10 mg/m <sup>3</sup> - STEV
	compounds				
	[RR-00624-6]				
	STEL: 10 mg/m³ Zr				
	TWA: 5 mg/m <sup>3</sup> Zr As				
	Zirconium compounds				
	[RR-00624-6]				
	TWA: 5 mg/m <sup>3</sup> Zr				
Isobutyl alcohol	TWA: 50 ppm	50 ppm - TWA	50 ppm - TWA	50 ppm - TWA	50 ppm - TWAEV
		152 mg/m <sup>3</sup> - TWA			152 mg/m <sup>3</sup> - TWAEV

**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

**Engineering Measures** 

Ensure adequate ventilation, especially in confined areas.

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**Personal Protective Equipment** 

**Eye/Face Protection** 

Skin Protection Respiratory Protection

Safety glasses with side-shields If splashes are likely to occur, wear: Tightly fitting safety goggles

Protective gloves and impervious clothing.

Use only with adequate ventilation. In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic

vapors.

Hygiene Measures

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

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid
Odor solvent

Odor Threshold No information available

 Density (lbs./gal)
 9.5 - 9.9

 Specific Gravity
 1.13 - 1.19

pHNo information availableViscosity (cps)No information availableSolubility(ies)No information available

Water solubilityNo information availableEvaporation RateNo information availableVapor pressure @20 °C (kPa)No information availableRelative vapor densityNo information available

 Wt. % Solids
 60 - 70

 Vol. % Solids
 45 - 55

 Wt. % Volatiles
 30 - 40

Vol. % Volatiles45 - 55VOC Regulatory Limit (g/L)< 400</th>Boiling Point (°F)158Boiling Point (°C)70

Freezing point (°F)

No information available

Freezing Point (°C)

No information available

Flash point (°F) 50
Flash Point (°C) 10
Method PMCC

Flammability (solid, gas)
Upper flammability limit:
Not applicable
Not applicable
Not applicable

Autoignition Temperature (°F)No information availableAutoignition Temperature (°C)No information availableDecomposition Temperature (°F)No information availableDecomposition Temperature (°C)No information availablePartition coefficientNo information available

# 10. STABILITY AND REACTIVITY

Reactivity Not Applicable

Chemical Stability Stable under normal conditions. Hazardous polymerisation

does not occur.

Conditions to avoid Keep away from open flames, hot surfaces, static

electricity and sources of ignition. Sparks. Elevated

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temperature.

Incompatible Materials Incompatible with strong acids and bases and strong

oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating

gases and vapors.

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 Repeated or prolonged exposure to organic solvents may

lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and

inhaling vapors may be harmful or fatal.

# Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available

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

Eye contact Causes serious eye irritation. May cause redness, itching,

and pain.

Skin contact May cause skin irritation and/or dermatitis. Prolonged skin

contact may defat the skin and produce dermatitis.

**Inhalation** Harmful by inhalation. High vapor / aerosol concentrations

are irritating to the eyes, nose, throat and lungs and may

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cause headaches, dizziness, drowsiness,

unconsciousness, and other central nervous system

effects.

Ingestion Harmful if swallowed. Ingestion may cause irritation to

mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury,

possibly progressing to death.

Sensitization May cause an allergic skin reaction.

Neurological EffectsNo information available.Mutagenic EffectsNo information available.

Reproductive Effects

May damage fertility or the unborn child.

Developmental EffectsNo information available.Target organ effectsNo information available.

STOT - single exposure May cause disorder and damage to the, Respiratory

system.

STOT - repeated exposure Causes damage to organs through prolonged or repeated

exposure.

Other adverse effects No information available.

Aspiration Hazard May be harmful if swallowed and enters airways. Small

amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

#### Numerical measures of toxicity

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

ATEmix (oral) 7312 mg/kg
ATEmix (inhalation-dust/mist) 4.8 mg/l
ATEmix (inhalation-vapor) 100.3 mg/l

# **Component Information**

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Xylene	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
1330-20-7			- ' '
Titanium dioxide	> 10000 mg/kg (Rat)	-	-
13463-67-7			
Ethyl benzene	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h

100-41-4			
Kaolin 1332-58-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Methyl acetate 79-20-9	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	> 49000 mg/m³ (Rat) 4 h
4-Chlorobenzotrifluoride 98-56-6	= 13 g/kg (Rat)	> 3300 mg/kg ( Rabbit )	= 33 mg/L (Rat) 4 h
Methyl ethyl ketoxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg ( Rabbit )	> 4.83 mg/L (Rat)4 h
Isobutyl alcohol 78-83-1	= 2460 mg/kg (Rat)	= 3400 mg/kg ( Rabbit )	> 6.5 mg/L (Rat)4 h

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# **Chronic Toxicity**

# 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	_	
	2B - Possible Human Carcinogen	
Ethyl benzene		
	2B - Possible Human Carcinogen	
4-Chlorobenzotrifluoride	_	

<sup>•</sup> Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes:

#### 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.

<sup>&</sup>quot;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."

#### **Bioaccumulation**

There is no data for this product.

#### Mobility in Environmental Media

No information available.

#### **Ozone**

Not applicable

# **Component Information**

# **Acute Toxicity to Fish**

Xylene

LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)

Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

Ethyl benzene

LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)

Methyl ethyl ketoxime

LC50: 48 mg/L (Bluegill sunfish - 96 hr.)

#### **Acute Toxicity to Aquatic Invertebrates**

Ethyl benzene

EC50: 1.8 mg/L (Daphnia magna - 48 hr.)

Methyl ethyl ketoxime

EC50: 750 mg/L (Daphnia magna - 48 hr.)

#### **Acute Toxicity to Aquatic Plants**

Ethyl benzene

EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

# 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.

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**Empty Container Warning** 

Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

# 14. TRANSPORT INFORMATION

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**TDG** 

**Proper Shipping Name** Paint Transport hazard class(es) 3 UN-No UN1263

Packing Group

**Description** UN1263, Paint, 3, II

ICAO / IATA Contact the preparer for further information.

**IMDG / IMO**Contact the preparer for further information.

# 15. REGULATORY INFORMATION

# **International Inventories**

**TSCA: United States**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:

<u>CAS No.</u>	<u>Weight-%</u>	NPRI Parts 1- 4
1330-20-7	10 - 30%	Listed
100-41-4	3 - 7%	Listed
78-83-1	0.1 - 0.25%	Listed
	1330-20-7 100-41-4	1330-20-7 10 - 30% 100-41-4 3 - 7%

# **NPRI Part 5**

This product contains the following NPRI Part 5 Chemicals:

Chemical name	CAS No.	Weight-%	NPRI Part 5
Xvlene	1330-20-7	10 - 30%	Listed

# **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 hazards 2°
Flammability 3
Reactivity: 0
Personal protection -

#### **HMIS Legend**

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard
- \* Chronic Hazard
- X Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

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.

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**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 at

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

Prepared By Product Stewardship Department

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645

800-225-5554

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#### **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**