



## SAFETY DATA SHEET

Revision Date: 17-Jun-2016

Revision Number: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>WATERBORNE BONDING PRIMER GREEN</b>
<b>Product Code</b>	<b>V175-00FR</b>
<b>Alternate Product Code</b>	A17500
<b>Product Class</b>	WATER THINNED PAINT
<b>Color</b>	Green
<b>Recommended use</b>	Primers
<b>Restrictions on use</b>	No information available

**Manufactured For**

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

**Manufacturer**

Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 800-225-5554  
corotechcoatings.com

**Emergency Telephone Number(s)**

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 dangerous 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 % (max)
Zinc phosphate	7779-90-0	7 - 13%
Talc	14807-96-6	3 - 7%
Magnesium carbonate	546-93-0	1 - 5%
2-Butoxyethanol	111-76-2	1 - 5%
2,2,4-trimethyl-1,3-propanediol diisobutyrate	6846-50-0	1 - 5%
Iron	7439-89-6	0.25 - 0.5%

### 4. FIRST AID MEASURES

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

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	No
<b>Flash Point Data</b>	
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Flash Point Method	Not applicable
<b>Flammability Limits In Air</b>	

**Lower Explosion Limit**  
**Upper Explosion Limit**

Not applicable  
Not applicable

**NFPA**    **Health:** 1        **Flammability:** 0        **Instability:** 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](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Other Information**

Prevent further leakage or spillage if safe to do so.

**Environmental Precautions**

See Section 12 for additional Ecological Information.

**Methods For Clean-Up**

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.

**Storage**

Keep container tightly closed. Keep out of the reach of children.

**Incompatible Materials**

No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits**

*No exposure limits have been established for this product.*

Chemical Name	ACGIH	Alberta	British Columbia	Ontario	Quebec
Talc	2 mg/m <sup>3</sup> - TWA	2 mg/m <sup>3</sup> - TWA	2 mg/m <sup>3</sup> - TWA	2 mg/m <sup>3</sup> - TWA	3 mg/m <sup>3</sup> - TWAEV
Magnesium carbonate	N/E	N/E	10 mg/m <sup>3</sup> - TWA 3 mg/m <sup>3</sup> - TWA	N/E	10 mg/m <sup>3</sup> - TWAEV
2-Butoxyethanol	20 ppm - TWA	20 ppm - TWA 97 mg/m <sup>3</sup> - TWA	20 ppm - TWA	20 ppm - TWA	20 ppm - TWAEV 97 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

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b><u>Personal Protective Equipment</u></b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	10.1 - 10.3
<b>Specific Gravity</b>	1.21 - 1.23
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility</b>	No information available
<b>Water Solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Wt. % Solids</b>	45 - 55
<b>Vol. % Solids</b>	30 - 40
<b>Wt. % Volatiles</b>	45 - 55
<b>Vol. % Volatiles</b>	60 - 70
<b>VOC Regulatory Limit (g/L)</b>	< 100
<b>Boiling Point (°F)</b>	212
<b>Boiling Point (°C)</b>	100
<b>Freezing Point (°F)</b>	32
<b>Freezing Point (°C)</b>	0
<b>Flash Point (°F)</b>	Not applicable
<b>Flash Point (°C)</b>	Not applicable
<b>Flash Point Method</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper Explosion Limit</b>	Not applicable
<b>Lower Explosion Limit</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition Coefficient (n-octanol/water)</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not Applicable
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions To Avoid</b>	Prevent from freezing.
<b>Incompatible Materials</b>	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

No information available

#### Information on toxicological effects

#### Symptoms

No information available

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

Eye contact Contact with eyes may cause irritation Vapor may cause irritation

Skin contact Substance may cause slight skin irritation. Prolonged or 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 Causes damage to organs through prolonged or repeated exposure if inhaled. Causes damage to organs through prolonged or repeated exposure if swallowed. Causes damage to organs through prolonged or repeated exposure in contact with skin. May cause disorder and damage to the. Blood.

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)	12602 mg/kg
ATEmix (dermal)	44896 mg/kg
ATEmix (inhalation-dust/mist)	61.2 mg/L
ATEmix (inhalation-vapor)	88.8 mg/L

#### Component

##### 2-Butoxyethanol

LD50 Oral: 470 mg/kg (Rat)

LD50 Dermal: 220 mg/kg (Rabbit)

LC50 Inhalation (Vapor): 450 ppm (Rat, 4 hr.)

2,2,4-trimethyl-1,3-propanediol diisobutyrate

LD50 Oral: > 3,200 mg/kg (Rat) vendor data

LC50 Inhalation (Vapor): > 5.3 mg/L (Rat)

Iron

30000 mg/kg (Rat)

### **Chronic Toxicity**

### **Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 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 / Accumulation**

No information available.

#### **Mobility in Environmental Media**

No information available.

#### **Ozone**

No information available

### **Component**

#### **Acute Toxicity to Fish**

2-Butoxyethanol

LC50: 1490 mg/L (Bluegill sunfish - 96 hr.)

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

No information available

#### **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

Not regulated

IMDG / IMO

Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

TSCA: United States

Yes - All components are listed or exempt.

DSL: Canada

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>Chemical Name</u>	<u>CAS-No</u>	<u>Weight % (max)</u>	<u>NPRI Parts 1- 4</u>
Zinc phosphate	7779-90-0	7 - 13%	Listed
2-Butoxyethanol	111-76-2	1 - 5%	Listed

**NPRI Part 5**

This product contains the following NPRI Part 5 Chemicals:

<u>Chemical Name</u>	<u>CAS-No</u>	<u>Weight % (max)</u>	<u>NPRI Part 5</u>
2-Butoxyethanol	111-76-2	1 - 5%	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: 1 Flammability: 0 Reactivity: 0 PPE: -

**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.*

**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](http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php).

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**Revision Date:** 17-Jun-2016  
**Reason For Revision** Not available

Disclaimer

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**END OF SAFETY DATA SHEET**