

Revision Date: 20-Dec-2018

**Revision Number: 2** 

# 1. PRODUCT AND COMPANY IDENTIFICATION

**ULTRALAQ WATER WHITE VINYL SANDING SEALER CLEAR** 

Product Name Product Code Alternate Product Code Product Class Color Recommended use Restrictions on use

#### Manufactured For Benjamin Moore & Co., Limited 8775 Keele Street Concord ON L4K 2N1 Phone: 1-800-361-5898 lenmar-coatings.ca

## Manufacturer

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 Phone: 1-866-708-9180 lenmar-coatings.com No information available

1C-360FR HL1200

Clear coating

SEALER

Clear

Emergency Telephone CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

## **Classification**

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

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 2
Physical hazard not otherwise classified	Category 1

## Label elements

Danger

#### Hazard statements

Causes skin irritation Causes serious eye damage Suspected of damaging fertility or the unborn child May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways Highly flammable liquid and vapor Reactive flammable material



Appearance liquid

Odor solvent

## **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 Wash face, hands and any exposed skin thoroughly after handling Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Ground/bond container and receiving equipment Use explosion-proof electrical/ventilating/lighting/equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool

### **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

Immediately call a POISON CENTER or doctor/physician

Skin

If skin irritation 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 victim to fresh air and keep at rest in a position 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

# 3. 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)
Ethyl acetate	141-78-6	10 - 30%	-	-
VM&P naphtha	64742-89-8	10 - 30%	-	-
cellulose, nitrate	9004-70-0	7 - 13%	-	-
Acetone	67-64-1	7 - 13%	-	-
n-Butyl acetate	123-86-4	7 - 13%	-	-
Isobutyl alcohol	78-83-1	5 - 10%	-	-
Hexane	110-54-3	3 - 7%	-	-
Isopropyl alcohol	67-63-0	3 - 7%	-	-
2-Heptanone	110-43-0	1 - 5%	-	-
Toluene	108-88-3	1 - 5%	-	-
Octane	111-65-9	0.5 - 1%	-	-
Heptane	142-82-5	0.5 - 1%	-	-

#### 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.
Eye Contact	Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
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.

**Protection Of First-Aiders** 

**Notes To Physician** 

Most Important Symptoms/Effects

Never give anything by mouth to an unconscious person. Consult a physician.

Use personal protective equipment.

No information available.

Treat symptomatically.

5.	FIRE-F	IGHTING	MEASURES
<b>.</b>			

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) Flash Point (°C) Method	10 -12 PMCC	
Flammability Limits In Air		
Lower flammability limit: Upper flammability limit:	Not available Not available	
NFPA Health: 2 Flammability: 3	Instability: 1 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 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.
	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.
Storage	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 Materials**

Incompatible with strong acids and bases and strong oxidizing agents.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Limits**

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Ethyl acetate	400 ppm - TWA	400 ppm - TWA	150 ppm - TWA	400 ppm - TWA	400 ppm - TWAEV
		1440 mg/m <sup>3</sup> - TWA			1440 mg/m <sup>3</sup> - TWAEV
Acetone	250 ppm - TWA	500 ppm - TWA	250 ppm - TWA	500 ppm - TWA	500 ppm - TWAEV
	500 ppm - STEL	1200 mg/m <sup>3</sup> - TWA	500 ppm - STEL	750 ppm - STEL	1190 mg/m <sup>3</sup> - TWAEV
		750 ppm - STEL			1000 ppm - STEV
		1800 mg/m <sup>3</sup> - STEL			2380 mg/m <sup>3</sup> - STEV
n-Butyl acetate	150 ppm - TWA	150 ppm - TWA	20 ppm - TWA	150 ppm - TWA	150 ppm - TWAEV
	200 ppm - STEL	713 mg/m <sup>3</sup> - TWA		200 ppm - STEL	713 mg/m <sup>3</sup> - TWAEV
		200 ppm - STEL			200 ppm - STEV
		950 mg/m <sup>3</sup> - STEL			950 mg/m <sup>3</sup> - STEV
Isobutyl alcohol	50 ppm - TWA	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
Hexane	50 ppm - TWA	50 ppm - TWA	20 ppm - TWA	50 ppm - TWA	50 ppm - TWAEV
	Skin	176 mg/m <sup>3</sup> - TWA	Skin absorption can	Danger of cutaneous	176 mg/m <sup>3</sup> - TWAEV
		Substance may be	contribute to overall	absorption	Skin absorption can
		readily absorbed	exposure.		contribute to overall
		through intact skin			exposure.
Isopropyl alcohol	200 ppm - TWA	200 ppm - TWA	200 ppm - TWA	200 ppm - TWA	400 ppm - TWAEV
	400 ppm - STEL	492 mg/m <sup>3</sup> - TWA	400 ppm - STEL	400 ppm - STEL	985 mg/m <sup>3</sup> - TWAEV
		400 ppm - STEL			500 ppm - STEV
		984 mg/m <sup>3</sup> - STEL			1230 mg/m <sup>3</sup> - STEV
2-Heptanone	50 ppm - TWA	50 ppm - TWA	50 ppm - TWA	25 ppm - TWA	50 ppm - TWAEV
		233 mg/m <sup>3</sup> - TWA		115 mg/m <sup>3</sup> - TWA	233 mg/m <sup>3</sup> - TWAEV
Toluene	20 ppm - TWA	50 ppm - TWA	20 ppm - TWA	20 ppm - TWA	50 ppm - TWAEV
		188 mg/m <sup>3</sup> - TWA	Adverse reproductive		188 mg/m <sup>3</sup> - TWAEV
		Substance may be	effect		Skin absorption can
		readily absorbed			contribute to overall
		through intact skin			exposure.
Octane	300 ppm - TWA	300 ppm - TWA	300 ppm - TWA	300 ppm - TWA	300 ppm - TWAEV
		1400 mg/m³ - TWA			1400 mg/m <sup>3</sup> - TWAEV
					375 ppm - STEV
					1750 mg/m <sup>3</sup> - STEV
Heptane	400 ppm - TWA	400 ppm - TWA	400 ppm - TWA	400 ppm - TWA	400 ppm - TWAEV
	500 ppm - STEL	1640 mg/m <sup>3</sup> - TWA	500 ppm - STEL	500 ppm - STEL	1640 mg/m <sup>3</sup> - TWAEV
		500 ppm - STEL			500 ppm - STEV
egend		2050 mg/m <sup>3</sup> - STEL			2050 mg/m <sup>3</sup> - STEV

#### 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** 

#### Personal Protective Equipment Eye/Face Protection

Ensure adequate ventilation, especially in confined areas.

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

#### Skin Protection Respiratory Protection

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 Odor **Odor Threshold** Density (lbs/gal) **Specific Gravity** pН Viscosity (cps) Solubility(ies) Water solubility **Evaporation Rate** Vapor pressure Vapor density Wt. % Solids Vol. % Solids Wt. % Volatiles Vol. % Volatiles VOC Regulatory Limit (g/L) Boiling Point (°F) **Boiling Point (°C)** Freezing point (°F) Freezing Point (°C) Flash point (°F) Flash Point (°C) Method Flammability (solid, gas) Upper flammability limit: Lower flammability limit: Autoignition Temperature (°F) Autoignition Temperature (°C) Decomposition Temperature (°F) **Decomposition Temperature (°C) Partition coefficient** 

liquid solvent No information available 7.35 - 7.45 0.88 - 0.90 No information available 15 - 25 10 - 20 75 - 85 80 - 90 <680 136 58 No information available No information available 10 -12 PMCC Not applicable Not applicable Not applicable No information available No information available No information available No information available No 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 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** 

Acute Toxicity Product Information Eye contact, skin contact and inhalation.

No information available

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

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

Eye contact Skin contact	Severely irritating to eyes. May cause burns. Risk of serious damage to eyes. May cause skin irritation and/or dermatitis. Prolonged skin
Inhalation	contact may defat the skin and produce dermatitis. Harmful by inhalation. High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may 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	No information available.
Neurological Effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	Possible risk of impaired fertility. Possible risk of harm to
Developmental Effects	the unborn child. No information available.

Target organ effects STOT - single exposure	No information available. May cause disorder and damage to the. Respiratory system. Central nervous system.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure if inhaled. May cause disorder and damage to the. liver. kidney. spleen. blood. Central nervous system.
Other adverse effects Aspiration Hazard	No information available. 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)	6038 mg/kg
ATEmix (dermal)	6777 mg/kg
ATEmix (inhalation-dust/mist)	67.1 mg/L
ATEmix (inhalation-vapor)	21.1 mg/L

## **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl acetate	= 5620 mg/kg (Rat)	> 18000 mg/kg (Rabbit) > 20	-
141-78-6		mL/kg (Rabbit)	
VM&P naphtha	-	= 3000 mg/kg (Rabbit)	-
64742-89-8			
cellulose, nitrate	5 g/kg (Rat)	-	-
9004-70-0			
Acetone	= 5800 mg/kg (Rat)	-	= 50100 mg/m³ (Rat)8 h
67-64-1			
n-Butyl acetate	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	-
123-86-4			
Isobutyl alcohol	= 2460 mg/kg (Rat)	= 3400 mg/kg (Rabbit)	> 6.5 mg/L (Rat)4 h
78-83-1			
Hexane	= 25 g/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h
110-54-3			
Isopropyl alcohol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m <sup>3</sup> (Rat) 4 h
67-63-0			
2-Heptanone	= 1600 mg/kg (Rat)	= 12.6 mL/kg (Rabbit) = 12600	> 2000 ppm (Rat) 4 h
110-43-0		μL/kg (Rabbit)	
Toluene	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
108-88-3			
Octane	-	-	= 118 g/m <sup>3</sup> (Rat) 4 h = 25260 ppm
111-65-9			( Rat ) 4 h
Heptane	-	= 3000 mg/kg (Rabbit)	= 103 g/m <sup>3</sup> (Rat) 4 h
142-82-5			_ , , ,
		0 141 41	

Component n-Butyl acetate

123-86-4 (7 - 13%)

Sensitization

non-sensitizing (guinea pig)

## 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**

There is no data for this product.

## Mobility in Environmental Media

No information available.

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

No information available

# **Component Information**

## Acute Toxicity to Fish

Acetone LC50: 8300 (Bluegill - 96 hr.) mg/L n-Butyl acetate LC50: 18 mg/L (Fathead Minnow - 96 hr.)

## Acute Toxicity to Aquatic Invertebrates

<u>Acetone</u> EC50: 12600 mg/L (Daphnia magna - 48 hr.) <u>n-Butyl acetate</u> EC50: 72.8 mg/L (Daphnia magna - 48 hr.)

## Acute Toxicity to Aquatic Plants

<u>n-Butyl acetate</u> EC50: 674.7 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.

#### **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

TDG

Proper Shipping Name Hazard class UN-No. Packing Group Description

PAINT 3 UN1263 II 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.
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:

Chemical name	CAS No.	Weight-%	NPRI Parts 1- 4
Isobutyl alcohol	78-83-1	5 - 10%	Listed
Hexane	110-54-3	3 - 7%	Listed
Isopropyl alcohol	67-63-0	3 - 7%	Listed
Toluene	108-88-3	1 - 5%	Listed

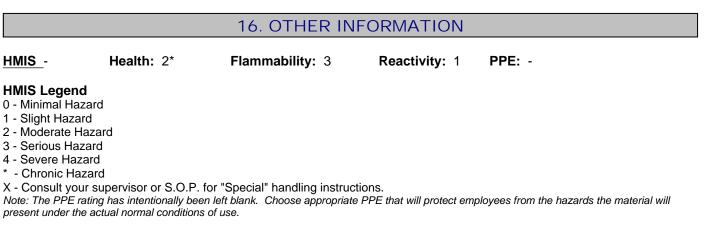
#### NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

Chemical name	CAS No.	Weight-%	NPRI Part 5
Ethyl acetate	141-78-6	10 - 30%	Listed
VM&P naphtha	64742-89-8	10 - 30%	Listed
n-Butyl acetate	123-86-4	7 - 13%	Listed
Hexane	110-54-3	3 - 7%	Listed
Isopropyl alcohol	67-63-0	3 - 7%	Listed
Toluene	108-88-3	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.



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 guestions-guestions posees-eng.php.

Prepared By	Product Stewardship Department
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	Montvale, NJ 07645
	800-225-5554

Revision Date: Reason for revision 20-Dec-2018 Not available

#### **Disclaimer**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown

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**End of Safety Data Sheet**