



# Floor-Tile Waterborne Acrylic Bonding Surfacer Translucent Green

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 11/13/2024 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Floor-Tile Waterborne Acrylic Bonding Surfacer Translucent Green  
Product code : 4400.70

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Richard's Paint  
200 Paint Street  
Rockledge, FL, 32955  
USA  
T 800-432-0983

#### 1.4. Emergency telephone number

Emergency number : VelocityEHS (800) 255-3924 | VelocityEHS International (813) 248-0585

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flammable liquids, Category 4	H227	Combustible liquid
Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled.
Hazardous to the aquatic environment – Acute Hazard, Category 2	H401	Toxic to aquatic life

Full text of H-statements: see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H227 - Combustible liquid  
H332 - Harmful if inhaled.  
H401 - Toxic to aquatic life

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a poison center or doctor if you feel unwell.  
P370+P378 - In case of fire: Use media other than water to extinguish.

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P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

65.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

98.46% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

89.43% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
kaolin	CAS-No.: 1332-58-7	5 – 10	Acute Tox. 4 (Inhalation:dust,mist), H332
1-(2-butoxy-1-methylethoxy)propan-2-ol	CAS-No.: 29911-28-2	< 5	Acute Tox. 4 (Inhalation:dust,mist), H332

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 general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water.
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.

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

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

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

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

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### 5.3. 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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
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.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. 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.

### 7.2. Conditions for safe storage, including any incompatibilities

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

kaolin (1332-58-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Kaolin
ACGIH OEL TWA	2 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)
Remark (ACGIH)	TLV® Basis: Pneumoconiosis. Notations: A4 (Not classifiable as a Human Carcinogen)

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kaolin (1332-58-7)	
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Kaolin
OSHA PEL TWA	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

### 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

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: light green
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: $\geq 196$ °F
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

VOC content	: 134.2 g/l
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. 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)	: Inhalation:dust,mist: Harmful if inhaled.

Floor-Tile Waterborne Acrylic Bonding Surfacer Translucent Green	
ATE US (dust,mist)	1.756 mg/l/4h
Unknown acute toxicity (GHS US)	65.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 98.46% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 89.43% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
kaolin (1332-58-7)	
LD50 oral rat	> 5000 mg/kg Source: HSDB
LD50 dermal rat	> 5000 mg/kg Source: HSDB
LC50 Inhalation - Rat (Dust/Mist)	≥ 5 mg/l Source: OSHRI GLP toxicity test

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<b>kaolin (1332-58-7)</b>	
ATE US (dust,mist)	1.5 mg/l/4h
<b>1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)</b>	
LD50 oral rat	4000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.04 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
LC50 Inhalation - Rat (Vapours)	> 0.328 mg/l Source: SIDS
ATE US (oral)	4000 mg/kg bodyweight
ATE US (dust,mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified
<b>kaolin (1332-58-7)</b>	
pH	4.5 Source: hsdh
<b>1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)</b>	
pH	7 (4 %, 25 °C)
Serious eye damage/irritation	: Not classified
<b>kaolin (1332-58-7)</b>	
pH	4.5 Source: hsdh
<b>1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)</b>	
pH	7 (4 %, 25 °C)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
<b>1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)</b>	
Viscosity, kinematic	5.84 mm²/s (20 °C, Equivalent or similar to OECD 114)

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life.

<b>1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)</b>	
LC50 - Fish [1]	841 mg/l Source: SIDS
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
EC50 96h - Algae [1]	519 mg/l (Pseudokirchneriella subcapitata, QSAR)

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### 12.2. Persistence and degradability

#### Floor-Tile Waterborne Acrylic Bonding Surfacer Translucent Green

Persistence and degradability	Rapidly degradable
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#### kaolin (1332-58-7)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

#### 1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)

Persistence and degradability	Readily biodegradable in water.
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### 12.3. Bioaccumulative potential

#### kaolin (1332-58-7)

Bioaccumulative potential	No bioaccumulation data available.
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#### 1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)

Partition coefficient n-octanol/water (Log Pow)	1.523 (Calculated, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not bioaccumulative.

### 12.4. Mobility in soil

#### kaolin (1332-58-7)

Ecology - soil	No (test)data on mobility of the substance available.
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#### 1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)

Surface tension	29.2 mN/m (20 °C, 100 %)
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Other adverse effects

No additional information available

## 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

DOT	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated

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DOT	IMDG	IATA
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not regulated
No supplementary information available		

### 14.6. Special precautions for user

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### kaolin (1332-58-7)

Listed on the Canadian DSL (Domestic Substances List)

##### 1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### kaolin (1332-58-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)




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1-(2-butoxy-1-methylethoxy)propan-2-ol (29911-28-2)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. US State regulations

**WARNING:**

This product can expose you to chemicals including Diuron, which is known to the State of California to cause cancer, and Butyl benzyl phthalate (BBP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of hazard classes and H-statements	
H227	Combustible liquid
H332	Harmful if inhaled.
H401	Toxic to aquatic life

Safety Data Sheet (SDS), USA

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.