

# SAFETY DATA SHEET



## 2100 A+B | WATERBORNE EPOXY FLOOR COATING


### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	WATERBORNE EPOXY FLOOR COATING
<b>Product Code:</b>	2100 A+B
<b>Product Use:</b>	Epoxy

**Manufacturer**  
Richard's Paint  
200 Paint Street  
Rockledge, Florida,  
800-432-0983

**24 Hour Emergency Telephone Number**  
CHEMTEL (US): (800)255-3924  
CHEMTEL (International): (813)248-0585

### 2. HAZARDS IDENTIFICATION

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Skin Sensitization: Category 1 Carcinogenicity: Category 2
<b>Signal Word:</b>	Warning
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H317: May cause an allergic skin reaction H351: Suspected of causing cancer
<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P261: Avoid breathing dust/fumes/gas/mist/vapors/spray P272: Contaminated work clothing should not be allowed out of the workplace P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P302+352: IF ON SKIN: Wash with plenty of water P308+313: IF exposed: Call a POISON CENTER or doctor/physician P333+313: If skin irritation or a rash occurs: Get medical advice/attention P363: Wash contaminated clothing before reuse

<b>Storage Precautionary Statements:</b>	P405: Store locked up
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant
<b>Hazards Not Otherwise Classified:</b>	May cause allergic skin reaction

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Titanium dioxide	10% to 20%	13463-67-7
Calcium carbonate	10% to 20%	1317-65-3
Ethylene glycol monopropyl ether	10% to 20%	2807-30-9
Poly(bisphenol a-co-epichlorohydrin)	5% to 10%	25068-38-6
Talc	5% to 10%	14807-96-6
Dodecyl and tetradecyl glycidyl ethers	1% to 5%	68609-97-2
Silicon dioxide	1% to 5%	7631-86-9
Alumina trihydrate	1% to 5%	21645-51-2
Crystalline silica	0% to 1%	14808-60-7
Zirconium dioxide	0% to 1%	1314-23-4
Silica gel	0% to 1%	112926-00-8

### 4. FIRST AID MEASURES

<b>General Advice:</b>	No hazards requiring special first aid measures
<b>Eyes:</b>	Remove contact lenses, if applicable. Flush eyes with water for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Consult a physician if symptoms persist.
<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
<b>Most Important Symptoms/Effects:</b>	May cause allergic skin reaction
<b>Notes to Physician:</b>	Treat symptomatically

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Use measures suitable to the circumstances and environment
<b>Precautions for Firefighters:</b>	Wear self-contained breathing apparatus and protective gear
<b>Specific Hazards:</b>	Sealed containers may rupture if exposed to high temperatures

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage
<b>Clean-Up Method:</b>	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers.

## 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Wear respiratory equipment if ventilation is insufficient.
<b>Storage Precautions:</b>	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area.
<b>Incompatible Materials:</b>	None

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Calcium carbonate(1317-65-3)		
NIOSH TWA:	5 mg/m3 (respirable fraction)	10 mg/m3 (total dust)
OSHA PEL:	5 mg/m3 (respirable fraction)	15 mg/m3 (total dust)
Crystalline silica(14808-60-7)		
ACGIH TWA:	.025 mg/m3	--
NIOSH TWA:	.05 mg/m3	--
OSHA TWA:	10 mg/m3/%SiO <sub>2</sub> +2	250 mppcf/%SiO <sub>2</sub> +5
Silica gel(112926-00-8)		
OSHA TWA:	6 mg/m3	20 mppcf
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft <sup>3</sup>	80 mg/m3/%SiO <sub>2</sub>
Talc(14807-96-6)		
ACGIH TWA:	2 mg/m3	--
NIOSH TWA:	2 mg/m3	--
OSHA TWA:	20 mppcf	--
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m3	OSHA: 15 mg/m3
Zirconium dioxide(1314-23-4)		
ACGIH:	TWA: 5 mg/m3	STEL: 10 mg/m3
NIOSH:	TWA: 5 mg/m3	STEL: 10 mg/m3
OSHA:	TWA: 5 mg/m3	--

<b>Engineering Measures:</b>	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
<b>Hygiene Measures:</b>	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
<b>Eye/Face Protection:</b>	Safety glasses/goggles
<b>Skin Protection:</b>	Protective gloves and protective clothing
<b>Respiratory Protection:</b>	Respiratory equipment if ventilation is inadequate

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid
<b>Color:</b>	Determined by customer (white by default)
<b>Odor:</b>	Little to none
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Melting Point (°F):</b>	No information available
<b>Boiling Point (°F):</b>	No information available
<b>Flash Point (°F):</b>	215
<b>Flash Point Method:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Flammability (Solid/Gas):</b>	No information available
<b>Flammability Limits:</b>	No information available
<b>Vapor Pressure (mm Hg):</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	No information available
<b>% Solubility in Water:</b>	No information available
<b>Octanol/Water Partition Coefficient:</b>	No information available
<b>Auto-Ignition Temperature (°F):</b>	No information available
<b>Decomposition Temperature (°F):</b>	No information available
<b>Viscosity (KU):</b>	No information available
<b>Volatile Organic Compounds (g/L):</b>	241.9

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Not applicable
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of use
<b>Hazardous Decomposition Products:</b>	None under normal conditions of use
<b>Stability:</b>	Stable under normal storage conditions
<b>Incompatible Materials:</b>	None
<b>Conditions to Avoid:</b>	Freezing

**11. TOXICOLOGICAL INFORMATION**

Alumina trihydrate(21645-51-2)	
Oral LD50 (rat):	>2000 mg/kg
Dodecyl and tetradecyl glycidyl ethers(68609-97-2)	
Oral LD50 (rat):	>2000 mg/kg
Ethylene glycol monopropyl ether(2807-30-9)	
LC50 (Inhalation - Mouse - 7 h)	1530 ppm
LD50 (Dermal - Rabbit)	1,337 mg/kg
LD50 (Oral - Rat)	3,089 mg/kg
Poly(bisphenol a-co-epichlorohydrin)(25068-38-6)	
Oral LD50 (rat):	13600 mg/kg
Silicon dioxide(7631-86-9)	
Oral LD50 (rat):	3160 mg/kg
Titanium dioxide(13463-67-7)	
Dermal LD50 (rabbit):	>10000 mg/kg
Oral LD50 (rat):	>10000 mg/kg

<b>Primary Routes of Exposure:</b>	Eye contact, skin contact, inhalation
<b>Acute Toxicity:</b>	No information available

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	Irritation
<b>Skin Contact:</b>	Irritation, drying
<b>Inhalation:</b>	Irritation of respiratory system
<b>Ingestion:</b>	Gastrointestinal irritation, diarrhea, nausea, vomiting
<b>Target Organ (Single Exposure):</b>	No information available
<b>Target Organ (Repeated Exposure):</b>	No information available
<b>Sensitization:</b>	No information available
<b>Carcinogenicity:</b>	No information available
<b>Mutagenicity:</b>	No information available
<b>Reproductive Toxicity:</b>	No information available
<b>Other:</b>	No information available

**12. ECOLOGICAL INFORMATION**

Alumina trihydrate(21645-51-2)	
Semi-static NOEC (salmo trutta, 96 hrs):	>0.07 mg/L
Static NOEC (algae, 72 hrs):	>0.004 mg/L
Static NOEC (water flea, 48 hrs):	>0.005 mg/L
Dodecyl and tetradecyl glycidyl ethers(68609-97-2)	
Biodegradability (aerobic, 28 days):	34.7%
Growth inhibition IC50 (algae, 72 hrs):	843.75 mg/L
Immobilization EC50 (water flea, 48 hrs):	7.2 mg/L
Static LC50 (rainbow trout, 96 hrs):	>5000 mg/L
Ethylene glycol monopropyl ether(2807-30-9)	
EC50 (Pseudokirchneriella subcapitata - 72 h)	100 mg/l
LC50 (fathead minnow - 96 h)	5,000 mg/l

LC50 (water flea - 48 H)	5,000 mg/l
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 mg/L
Zirconium dioxide(1314-23-4)	
LC50 (zebrafish, 96 hrs):	>100 mg/L
Static EC50 (water flea, 48 hrs):	>100 mg/L

<b>Ecotoxicological Effects:</b>	The environmental impact of this substance has not been fully evaluated
<b>Persistence/ Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Other Effects:</b>	No information available

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Dispose of in accordance with federal, state, provincial, and local regulations.
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### 14. TRANSPORT INFORMATION

<b>DOT:</b>	Not regulated
<b>ICAO/IATA:</b>	Not regulated
<b>IMDG/IMO:</b>	Not regulated

### 15. REGULATORY INFORMATION

<b>TSCA (US):</b>	Not all components are listed
<b>DSL/NDSL (Canada):</b>	All components are listed or exempt

<b><u>311/312 Hazard Categories</u></b>	
<b>Fire:</b>	No
<b>Pressure Generating:</b>	No
<b>Reactivity:</b>	No
<b>Acute:</b>	Yes
<b>Chronic:</b>	Yes

<b><u>CERCLA Section 302</u></b>	
<b>Reportable Quantities:</b>	This material does not contain any hazardous components listed on Table 302.4

<b><u>SARA 313</u></b>	
This material does not contain any hazardous components exceeding the reporting thresholds established by SARA Title III, Section 313.	

<b><u>State Right-to-Know</u></b>	
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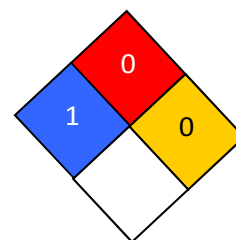
Chemical Name	CAS Number	MA	NJ	PA	RI
Titanium dioxide	13463-67-7	X	X	X	X
Calcium carbonate	1317-65-3	X	X	X	X
Ethylene glycol monopropyl ether	2807-30-9		X	X	
Poly(bisphenol a-co-epichlorohydrin)	25068-38-6		X	X	
Talc	14807-96-6	X	X	X	X
Dodecyl and tetradecyl glycidyl ethers	68609-97-2		X	X	
Silicon dioxide	7631-86-9	X	X	X	
Alumina trihydrate	21645-51-2		X	X	
Crystalline silica	14808-60-7		X	X	X
Zirconium dioxide	1314-23-4	X	X	X	
Silica gel	112926-00-8	X	X	X	

<b>California Proposition 65:</b>	Titanium dioxide and silicon dioxide (airborne, unbound particles of respirable size) are known to the state of California to cause cancer. This listing does not cover titanium dioxide or silicon dioxide when they remain bound within a product matrix.
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## 16. OTHER INFORMATION

HMIS RATING	
Health:	1*
Flammability:	0
Reactivity:	0
Personal Protection:	--

### NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

<b>Revision Indicator:</b>	Revised 11/10/2017
<b>Disclaimer:</b>	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.