

HydroBlok 1100™ MVB Primer

SDS
SAFETY DATA SHEET

HYDROBLOK 1100™ by InduraFloor - GUARANTEED TO BLOCK MOISTURE & VAPORS

Part 1: IDENTIFICATION

Date Prepared or Revised:	April 4, 2023. Rev. June 01, 2023, for physical property (color). Rev. Nov. 17, 2023, for website. For most current SDS go to www.indurafloors.com
Product Name:	HydroBlok 1100™ MVB Primer
Recommended use:	Two-component coating to be applied over concrete slabs and other substrates
Chemical Classification:	Modified epoxy with additives
Manufacturer:	InduraFloor, Inc. 7251 Garden Grove Blvd. Suite K Garden Grove, CA 92841 USA
Emergency Contact:	Contact your local emergency services or Contact Chemtrec (24-hr): 1-800-424-9300

Part 2: HAZARDS IDENTIFICATION

Label Elements GHS-US

Hazard Pictograms:



Signal Word:
Danger

Statements:

Hazard Statements (GHS-US)

H226	Flammable liquid and vapor
H315	Can Cause skin irritation.
H319	Can Cause serious eye irritation.
H317	May cause allergic skin reaction.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

P202	Do not handle until all safety precautions have been read and understood
P102	Keep out of reach of children
P264	Wash hands thoroughly after handling
P273	Avoid release to the environment

Responsive Precautionary Statements

P264	Wash thoroughly after handling
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P330 + P331 + P310	IF SWALLOWED: Rinse mouth, do not induce vomiting. Immediately call a POISON CENTER or doctor / physician.

Part 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent (%)
Modified Bisphenol A epoxy	Closed	Closed
Proprietary trade secret	Closed	Closed
Titanium dioxide	13463-67-7	1 - 2%
Acetone	67-64-1	20 - 30%

Part 4: FIRST AID MEASURES

When seeking medical advice take this safety data sheet with you.

Eye Contact:

Immediately flush eyes cautiously with plenty of water. Remove contact lenses. Continue to rinse for at least 20 minutes. Do not rub eyes as this may cause irritation or cause damage. If irritation persists, seek immediate professional medical attention.

Skin Contact:

Quickly and gently wash with plenty of soap and water. Remove contaminated clothes and shoes. Continuously flush the contaminated area with lukewarm gently flowing water for at least 20 minutes. If skin irritation or rash occurs, seek medical advice / attention.

Inhalation:

Remove victim to fresh air and keep at rest in a comfortable position. If not breathing, or if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention. If unconscious, place in recovery position and maintain an open airway. Get medical attention immediately.

Ingestion:

Wash out mouth with water. Move victim to fresh air and in a comfortable rest position. If the victim is conscious, give small amounts of water to drink. Stop if the victim feels sick as vomiting may be dangerous. Do not induce vomiting. If vomiting occurs, head should be kept low so that the vomit does not enter the lungs. Get medical attention. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Contact poison control center.

Most Important Symptoms and effects, both acute and delayed:

Acute Health Effects:

Eye Contact: Causes serious eye irritation.
 Inhalation: No known significant effects or critical hazards.
 Skin Contact: Causes skin irritation.
 Ingestion: No known significant effects or critical hazards.

Delayed Health Effects:

Eye Contact: Adverse symptoms may include pain or irritation, watering and redness.
 Inhalation: No known significant effects or critical hazards.
 Skin Contact: Adverse symptoms may include irritation and redness.
 Ingestion: No known significant effects or critical hazards.

Part 5: FIRE FIGHTING MEASURES

Flammability: Flammable liquid Class 1B
 Flash Point: 4°F
 Upper Explosive Limit: 27%
 Lower Explosive Limit: 3%
 Suitable Extinguishing Media: CO₂, foam, dry chemical and water
 Fire Fighting Measures: Cool containers with water to prevent pressure build-up. Wear full protective equipment and NIOSH full-contained breathing apparatus
 Specific Hazards: Toxic to aquatic life. Fire water must be contained and prevented from discharge into waterways, sewers or drains

Part 6: ACCIDENTAL RELEASE MEASURES

Spill & Leak Measures: Stop leak if possible without risk to self or others. Move containers from spill area. Contain and collect spillage with non-combustible absorbent material (sand, earth, vermiculite, diatomaceous earth) and place in container for disposal in accordance with regulations, both Federal and local.

Specific Hazards: Toxic to aquatic life. Spill must be contained and prevented from discharge into waterways, sewers or drains.

Part 7: HANDLING AND STORAGE

Do not eat, drink or smoke when handling or applying product. Remove contaminated clothing and protective equipment before entering eating areas.

Store locked up and out of reach of children. Do not store in direct sunlight. Do not expose to freezing temperatures. Store in upright position. Store in accordance with local regulations. Store in original containers in a dry, cool and well-ventilated area between 60°F and 80°F. Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright.

Part 8: PERSONAL PROTECTION

Exposure Limits:

	<u>Exposure Limit</u>	<u>Limit</u>	<u>For time weighted avg.</u>
Modified Bisphenol-A epoxy:	none	none	none
Titanium dioxide:	ACGIH TLV TWA	10 mg/m ³	8 hrs.
Acetone:	TWA PEL	750 ppm	8 hrs.

Appropriate Engineering Controls: If operations generate dust, fumes or gas, use ventilation.

Individual Protective Measures:

Hygiene Measures: Wash hands and forearms after use.

Protective Measures:

Eye/face Protection	Wear protective eyewear for splashes of product.
Hand Protection	Wear chemical resistant gloves.
Body Protection	Wear appropriate protective clothing based upon the tasks to be performed.
Feet Protection	Wear non-slip and chemical resistant footwear.
Respiratory Protection	Based upon the circumstances and need, select a respirator that meets the appropriate standards.

Part 9: PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Viscous liquid
<i>Color</i>	translucent to light grey when mixed
<i>Odor</i>	Mild, epoxy
<i>VOC</i>	None
<i>Density</i>	1.2
<i>Boiling Point</i>	133°F - 350°F

Part 10: STABILITY AND REACTIVITY

Reactivity and Chemical Stability:	Stable under normal conditions
Conditions to Avoid:	No specific data.
Hazardous Decomposition:	None under normal storage and use. When there is a fire, decomposition products may include carbon dioxide, carbon monoxide, halogenated compounds, metal oxides.
Incompatible Materials:	Oxidizing materials.

Part 11: TOXICOLOGICAL INFORMATION

Potential Acute Health Effects:

Eye Contact: Causes serious eye irritation.
Inhalation: No known significant hazards.
Skin Contact: Cause skin irritation.
Ingestion: No known significant hazards.

Symptoms:

Eye Contact: Pain, irritation, watering, redness.
Inhalation: No known significant hazards.
Skin Contact: Irritation, redness.
Ingestion: No known significant hazards.

Chronic Effects:

Short Term Exposure: No known significant hazards.
Long Term Exposure: No known significant hazards.
Chronic Effects: Carcinogenicity: Suspected of causing cancer.
Mutagenicity: No known significant hazards.
Teratogenicity: No known significant hazards.
Developmental effects: No known significant hazards.
Fertility effects: No known significant hazards.

Specific Organ Toxicity:

For repeated exposure: No data available.
Aspiration Hazard: No data available.

Part 12: ECOLOGICAL INFORMATION

Ecotoxicity: Do not allow the material to enter water course. If water is contaminated inform the relevant authorities immediately. This product may be toxic to aquatic life under certain circumstances.

Toxicity: Acetone: LD50 Dermal >9400 uL/kg (guinea pig); LD50 Oral 5800 mg/kg (rat).
Titanium dioxide, Acute LC50>1,000,000 ug/L, marine water, 96 hrs.
Persistence and Degradability: No data available.
Mobility in Soil: No data available.

Part 13: DISPOSAL CONSIDERATIONS

Disposal Method: Dispose in accordance with current Federal, State, Local and/or international laws and regulations.

Part 14: TRANSPORTATION INFORMATION

DOT: Paint related material 3.
Hazard Class: Class 3, PG II, limited quantity.
UN Number: UN 1263.

Part 15: REGULATORY INFORMATION

U.S. Federal:	All components are listed or exempted on TSCA 8b.	
SARA 311/312:	SKIN CORROSION/IRRITATION	Category 2
	SERIOUS EYE DAMAGE/IRRITATION	Category 2A
	SKIN SENSITIZATION	Category 1
	CARCINOGENICITY	Category 2
USA Hazardous Materials Info:	HEALTH	2
	FLAMMABILITY	1B
	PHYSICAL HAZARDS	0

Part 16: OTHER INFORMATION

Abbreviations:

GHS	Globally Harmonized System of Classification and Labeling of Chemicals
CAS	Chemical Abstract Service Number
TWA PEL	time-weighted average (TWA) permissible exposure limit (PEL)
NIOSH	National Institute for Occupational Safety and Health
SARA	Superfund Amendments and Reauthorization Act

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