

Section 1 – Chemical Product & Company Information

DRYTEK MVB (Moisture Vapor Barrier) Part B (Hardener)

Date Prepared: 2009-11-19
 Product Use: Part B of a two part moisture vapor barrier system
 Generic Description: Water-based epoxy coating system

<p><i>Manufacturer's Name</i> Drytek Flooring Solutions, LLC 195 New Hampshire Ave, Suite 240 Portsmouth, NH 03801</p>	<p><i>Emergency Telephone Number</i> (603) 334-3440 <i>Telephone Number for Information</i> (603) 334-3440</p>
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Section 2 – Composition / Information on Ingredients

Hazardous component(s):

CAS Number	WT %	Material	OSHA PEL	ACGIH TLV
64-19-7	3-7%	Acetic acid	10 ppm TWA, 25 mg/m ³ TWA	10 ppm TWA

Section 3 – Hazards Identification

Emergency Overview: Contact may cause skin and eye irritation. Mist may cause nose and throat irritation. Ingestion may cause nausea, vomiting, pain, upset stomach, and diarrhea. DO NOT SWALLOW. Primary Routes of Exposure: eyes, skin, and inhalation.

Potential Health Effects:

SKIN CONTACT: Skin contact may cause irritation.

EYE CONTACT: May cause irritation with temporary redness with stinging and tearing.

INHALATION: Inhalation of mist may cause respiratory irritation, dizziness, nausea, or headache.

INGESTION: May cause nausea, vomiting, pain, stomach upset, and diarrhea.

Target Organs: None known for product as a whole.

Section 4 – First Aid Measures

Skin: Remove contaminated clothing to prevent further skin exposure and dispose of properly. In situations involving considerable skin contact, place the contaminated person in a deluge shower for at least 15

minutes. For minor exposures, wash thoroughly with soap and clean water. Get medical attention if irritation persists.

- Eye: Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.
- Inhalation: Remove to fresh air. Get medical attention if cough or other symptoms develop.
- Ingestion: If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions. No harmful effect is anticipated.
- Notes to physician: None.

Section 5 - Fire Fighting Measures

Flash Point >200 °F (>93.3 °C)	LEL/UEL N/A	Sensitivity to Static Discharge None known
Hazardous Decomposition or Byproducts Decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced during combustion.	Dust Explosion Hazard None known	Sensitivity to Mechanical Impact None known
Extinguishing Media This product will only burn after the water it contains is driven off. Residual solid and container can support combustion. Use dry chemical, carbon dioxide, water spray, or foam.	Special Fire Fighting Procedures Firefighters should wear full protective clothing including self-contained breathing apparatus.	Unusual Fire & Explosion Hazards During a fire, irritating and highly toxic gasses may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water.

Section 6 – Accidental Release Measures

- Emergency Action: Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.
- Containment: Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Use caution to avoid falls. Spilled product is very slippery.

Section 7 – Handling & Storage

For commercial use only. Not packaged or labeled for home use.

Handling: Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before reuse.

Storage: Keep material from freezing. Store under normal working temperatures in a well-ventilated area. Do not pressurize containers. Avoid contact with copper or brass.

Empty container precaution: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation is recommended when vapors, mists, or dusts can be released.

Eye Protection: Wear goggles or safety glasses with side shields.

Skin and Body Protection: Wear protective impervious gloves to minimize skin exposure.

Respiratory Protection: None required when adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limit, use NIOSH approved respiratory protection.

General: Eyewash fountains and emergency showers should be readily available.

Exposure limits: ACGIH Threshold Limits Values – Time Weighted Averages (TLV-TWA)
Acetic acid 64-19-7 10 ppm TWA

OSHA – Vacated PELs – TWAs
Acetic acid 64-19-7 10 ppm TWA, 25 mg/m³ TWA

Section 9 – Physical & Chemical Properties

Boiling Point 212°F	Specific Gravity (H2O = 1) 1.05 (1.05 g/cc)	pH N/A
Vapor Pressure (mm Hg.) N/A	Vapor Density (AIR = 1) N/A	Solubility in Water 100%
Freezing point 32°F	Evaporation Rate (Butyl Acetate=1) N/A	Appearance and Odor Blue liquid with mild odor

Section 10 – Stability & Reactivity

<p>Stability / Incompatibility (Materials to Avoid) Stable under normal conditions. Avoid water, amines, strong bases, alcohols, and metallic hydrides.</p>	<p>Conditions to Avoid Excessive heat over 200°C or cold under 10°C. Coagulation of product may occur following freezing/thawing or boiling.</p>
<p>Hazardous Reactions/Decomposition Products If burned, decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced during combustion.</p>	<p>Hazardous Polymerization Will not occur</p>

Section 11 – Toxicological Information

Toxicological data: No data available for this product.

LD50: Toxicology data – selected LD50s and LD50s
Acetic acid 64-19-7
Inhalation LC50 Mouse: 5620 ppm/1H, Oral LD50 Rat: 3310 mg/kg,
Dermal LD50 Rabbit: 1060 µL/kg

Carcinogenicity: No regulated ingredients.

Section 12 – Ecological Information

Ecotoxicological Information: No data available for this product.

Section 13 – Disposal Considerations

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Waste Disposal: This product as supplied is not considered a hazardous waste under RCRA. Liquid coating products should not be disposed of in a landfill. DO not discharge to streams, lakes, ponds, or sewers. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

Section 14 – Transport Information

DOT: This Product is not regulated for transport.

IATA: This Product is not regulated for transport.

IMDG: This Product is not regulated for transport.

Section 15 – Regulatory Information

All components are on the U.S. EPA TSCA Inventory List.

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200

Federal regulations: CERCLA/SARA – Hazardous Substances and their Reportable Quantities; Acetic acid 64-19-7 5000lb final RQ: 2270 kg final RQ

State regulations: Based on an evaluation of the components used, this product does not contain any ingredients listed on the California Proposition 65 List.

International regulations: All components are included on the Canadian Domestic Substances List (DSL).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

HMIS Ratings: Health: 2
Flammability: 1
Physical hazard: 0
Personal protection: X

SARA 311/312 Hazard Categories: Immediate Hazard – Yes
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

WHMIS status: Controlled



WHMIS labeling:

WHMIS classification: D2B – Other Toxic Effects – TOXIC

Section 16 – Other Information

Disclaimer: The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore Drytek Flooring Solutions, LLC makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.