1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ENDURE-2K TWO-COMPONENT WATERBORNE FLOOR FINISH - CATALYST
Product Code: 1YB-1B
Alternate Product Code: TD8613, TD8612
Product Class: CATALYST
Color: Clear
Recommended use: CATALYST
Restrictions on use: No information available

Manufacturer:
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
lenmar-coatings.com

2. HAZARDS IDENTIFICATION

Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1</td>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Category 1</td>
<td>Skin sensitization</td>
</tr>
<tr>
<td>Category 2</td>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td>Category 2</td>
<td>Specific target organ toxicity (repeated exposure)</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
Causes serious eye damage
May cause an allergic skin reaction
Suspected of causing genetic defects
May cause damage to organs through prolonged or repeated exposure
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
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
Do not breathe dust/fume/gas/mist/vapors/spray

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 ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other information
No information available

Other hazards
IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyfunctional aziridine</td>
<td>64265-57-2</td>
<td>100</td>
</tr>
</tbody>
</table>
**4. FIRST AID MEASURES**

**General Advice**
Call a poison control center or doctor for treatment advice. Have the product containers or label with you when calling a poison control center or doctor, or going for treatment.

**Eye Contact**
Immediate medical attention is required. Call a poison control center or doctor for treatment advice. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

**Skin Contact**
Immediate medical attention is required. Call a poison control center or doctor for treatment advice. Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated articles such as shoes.

**Inhalation**
Call a physician or Poison Control Center immediately. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.

**Ingestion**
Immediate medical attention is required. Call a physician or Poison Control Center. Rinse mouth with water. Do not induce vomiting without medical advice. If spontaneous vomiting occurs, place the victim’s head below knee level. Never give anything by mouth to an unconscious person.

**Protection Of First-Aiders**
Use personal protective equipment.

**Most Important Symptoms/Effects**
Causes burns to skin and eyes. May cause allergic skin reaction. Most Important Symptoms and Effects. Burning.

**Notes To Physician**
Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. If using water or foam, prevent product and runoff from entering drains, sewers or surface water due to high toxicity to aquatic organisms.

**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**
Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat.

**Sensitivity To Mechanical Impact**
No
Sensitivity To Static Discharge  Yes

Flash Point Data
   Flash Point (°F)  487.4
   Flash Point (°C)  253.0
   Method          Setaflash closed cup

Flammability Limits In Air
   Lower flammability limit: Not available
   Upper flammability limit: Not available

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
   Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and inhalation of vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Remove all sources of ignition.

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 spills cannot be contained.

Environmental precautions
   See Section 12 for additional Ecological Information.

Methods for Cleaning Up
   Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling
   Avoid contact with skin, eyes and clothing. Do not breathe vapours/dust. Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from open flames, hot surfaces and sources of ignition. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld or perform similar operations on or near empty containers.

Storage
   Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight. Keep out of the reach of children. Store in accordance with local regulations.
Ensure that leaks or spills cannot reach drains, sewers or surface waters.

Incompatible Materials

Incompatible with strong acids and bases and strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

No exposure limits have been established for this product.

### Legend

- **ACGIH** - American Conference of Governmental Industrial Hygienists Exposure Limits
- **OSHA** - Occupational Safety & Health Administration Exposure Limits
- **N/E** - Not Established

### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/Face Protection**

- Tightly fitting safety goggles

**Skin Protection**

- Long sleeved clothing
- Protective gloves

**Respiratory Protection**

- 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. Contaminated work clothing should not be allowed out of the workplace. Do not breathe vapors/dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>light yellow liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>amine odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>8.8 - 9.1</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.07 - 1.09</td>
</tr>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Viscosity (cps)</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
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<tr>
<td>Water solubility</td>
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</tr>
<tr>
<td>Evaporation Rate</td>
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<tr>
<td>Vapor pressure @20 °C (kPa)</td>
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</tr>
<tr>
<td>Vapor density</td>
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</tr>
<tr>
<td>Wt. % Solids</td>
<td>95 - 100</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>95 - 100</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>0 - 5</td>
</tr>
<tr>
<td>VOC Regulatory Limit (g/L)</td>
<td>350</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>No information available</td>
</tr>
</tbody>
</table>
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.

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

Eye contact, skin contact and inhalation.

Acute Toxicity

Product Information

No information available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available.

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

Eye contact

Severely irritating to eyes. Causes eye burns. Risk of serious damage to eyes.

Skin contact

Repeated or prolonged skin contact may cause allergic reactions with susceptible
Ingestion
Accidental ingestion will cause corrosive burns to the mouth, throat, and digestive tract including stomach.

Inhalation
Irritating to respiratory system. Corrosive to nose, throat and respiratory tract. May cause additional effects as listed under “Ingestion”.

Sensitization
May cause an allergic skin reaction.

Neurological Effects
No information available.

Mutagenic Effects
Suspected of causing genetic defects.

Reproductive Effects
No information available.

Developmental Effects
No information available.

Target organ effects
No information available.

STOT - repeated exposure
Causes damage to organs through prolonged or repeated exposure if inhaled. Causes damage to organs through prolonged or repeated exposure if swallowed. May cause disorder and damage to the Eyes. Skin. Respiratory system. Digestive System.

STOT - single exposure
No information available.

Other adverse effects
No information available.

Aspiration Hazard
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) 2006 mg/kg

Component Information

Acute Toxicity

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
No information available.

Mobility in Environmental Media
No information available.

Ozone
No information available

Component Information

Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, 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

DOT
Not regulated

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
No - Not all of the components are listed.
One or more component is listed on NDSL.
Federal Regulations

SARA 311/312 hazardous categorization

Acute health hazard: Yes
Chronic Health Hazard: Yes
Fire hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: Yes

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

None

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

None

US State Regulations

California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm – www.P65warnings.ca.gov

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(Dimethylamino)ethanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1,2-Propylenimine</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Legend

X - Listed

16. OTHER INFORMATION

HMIS - Health: 3* Flammability: 1 Reactivity: 1 PPE: -

HMIS Legend

0 - Minimal Hazard
1 - Slight Hazard
2 - Moderate Hazard
3 - Serious Hazard
4 - Severe Hazard
* - Chronic Hazard
X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.
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 contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

Revision Date: 21-Aug-2018
Revision Summary Not available

Disclaimer
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END OF SAFETY DATA SHEET