1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>BENJAMIN MOORE NOTABLE DRY ERASE PAINT CATALYST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>50090</td>
</tr>
<tr>
<td>Alternate Product Code</td>
<td>50090</td>
</tr>
<tr>
<td>Product Class</td>
<td>CATALYST</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Recommended use</td>
<td>CATALYST</td>
</tr>
<tr>
<td>Restrictions on use</td>
<td>No information available</td>
</tr>
</tbody>
</table>

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

Emergency Telephone
CHEMTREC (US): 800-424-9300
CHEMTREC (outside US): (703)-527-3887

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</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1 Sub-category B</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
Harmful if swallowed
Causes severe skin burns and eye damage
May cause an allergic skin reaction
Suspected of causing genetic defects
May damage fertility or the unborn child
Causes damage to organs
Causes 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
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor/physician
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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention
Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
Ingestion
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Do NOT induce vomiting

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 COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-aminopropyltriethoxy silane</td>
<td>919-30-2</td>
<td>60</td>
</tr>
<tr>
<td>1-Propenamide,</td>
<td>82985-35-1</td>
<td>25</td>
</tr>
<tr>
<td>3-(trimethoxysilyl)-N-(3-(trimethoxysilyl)propyl)-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dibutyltin dilaurate</td>
<td>77-58-7</td>
<td>5</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**General Advice**
Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.

**Skin Contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash clothing before reuse. Destroy contaminated articles such as shoes. In case of burns, immediately cool affected skin for as long as possible with cold water. Immediate medical attention is required.

**Inhalation**
Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

**Ingestion**
If swallowed, get medical help or contact a Poison Control Center right away. Rinse mouth with water. Do not induce vomiting.

**Protection Of First-Aiders**
Use personal protective equipment. Avoid contact with skin, eyes and clothing.

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

**Notes To Physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**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.

**Specific Hazards Arising From The Chemical**
Closed containers may rupture if exposed to fire or extreme heat.
Sensitivity To Mechanical Impact  No
Sensitivity To Static Discharge  No

Flash Point Data
Flash Point (°F)  239
Flash Point (°C)  115
Method  PMCC

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

NFPA  Health:  3  Flammability:  1  Instability:  1  Special:  Not Applicable

NFPA Legend
0 - Not Hazardous
1 - Slightly
2 - Moderate
3 - High
4 - Severe

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  Evacuate personnel to safe areas. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Use personal protective equipment.

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 spillages cannot be contained.

Environmental precautions  See Section 12 for additional Ecological Information.

Methods for Cleaning Up  Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling  Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Do not ingest. Wash thoroughly after handling.

Storage  Keep away from direct sunlight. Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible Materials  Incompatible with oxidizing agents alkalies water moisture
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin dilaurate</td>
<td>0.1 mg/m³ - TWA</td>
<td>0.2 mg/m³ - STEL</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td>0.1 mg/m³ - TWA</td>
</tr>
</tbody>
</table>

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**: Face-shield. Tightly fitting safety goggles.
- **Skin Protection**: Protective gloves and impervious clothing.
- **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. Wash thoroughly after handling. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance**: liquid
- **Odor**: little or no odor
- **Odor Threshold**: No information available
- **Density (lbs/gal)**: 8.1 - 8.4
- **Specific Gravity**: 0.97 - 1.01
- **pH**: No information available
- **Viscosity (cps)**: No information available
- **Solubility(ies)**: No information available
- **Water solubility**: No information available
- **Evaporation Rate**: No information available
- **Vapor pressure @20 °C (kPa)**: No information available
- **Vapor density**: No information available
- **Wt. % Solids**: 80 - 90
- **Vol. % Solids**: 80 - 90
- **Wt. % Volatiles**: 10 - 20
- **Vol. % Volatiles**: 10 - 20
- **VOC Regulatory Limit (g/L)**: < 150
- **Boiling Point (°F)**: 306
- **Boiling Point (°C)**: 152
- **Freezing Point (°F)**: No information available
- **Freezing Point (°C)**: No information available
- **Flash Point (°F)**: 239
- **Flash Point (°C)**: 115
10. STABILITY AND REACTIVITY

Reactivity
Not Applicable

Chemical Stability
Stable under normal conditions.

Conditions to avoid
Extremes of temperature and direct sunlight, Exposure to air or moisture over prolonged periods, Contact with water liberates methanol.

Incompatible Materials
Incompatible with oxidizing agents, alkalies, water, moisture.

Hazardous Decomposition Products
None under normal use.

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
Harmful by inhalation, in contact with skin and if swallowed

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
Risk of serious damage to eyes. Causes eye burns. Inhalation, ingestion, or skin absorption of methanol can cause blindness.

Skin contact
Causes severe skin burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact.

Inhalation
Vapors may be irritating to eyes, nose, throat, and lungs. Corrosive to nose, throat and respiratory tract. Contact with moist mucous membranes of the respiratory system can cause burns and lung damage. Inhalation of aerosols:. Causes respiratory tract irritation.
Ingestion
Harmful if swallowed. Accidental ingestion will cause corrosive burns to the mouth, throat, and digestive tract including stomach.

Sensitization
May cause an allergic skin reaction

Corrosivity
Causes severe skin burns and eye damage.

Neurological Effects
No information available.

Mutagenic Effects
Suspected of causing genetic defects.

Reproductive Effects
May damage fertility or the unborn child. Contains material that may cause adverse reproductive effects.

Developmental Effects
No information available.

Target organ effects
Eyes, Skin, liver, kidney. Respiratory system.

STOT - single exposure
Causes damage to organs through prolonged or repeated exposure if swallowed.

STOT - repeated exposure
Causes damage to organs through prolonged or repeated exposure if inhaled.

Other adverse effects
No information available.

Aspiration Hazard
No information available.

Numerical measures of toxicity
The following values are calculated based on chapter 3.1 of the GHS document

<table>
<thead>
<tr>
<th>Component</th>
<th>Numerical Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (oral)</td>
<td>961 mg/kg</td>
</tr>
<tr>
<td>ATEmix (dermal)</td>
<td>7380 mg/kg</td>
</tr>
</tbody>
</table>

Component Information
3-aminopropyltriethoxy silane
LD50 Oral: 1780 mg/kg (Rat)
LD50 Dermal: 4 mL/kg (Rabbit)
Dibutyltin dilaurate
LD50 Oral: > 175 mg/kg (Rat) vendor data

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
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.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name: PAINT RELATED MATERIAL
Hazard class: 8
UN-No.: UN3066
Packing Group: II
Description: UN3066, Paint related material, 8, PG II

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

**SARA 311/312 hazardous categorization**

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**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

There are no state right-to-know chemicals in this product above reportable levels.

Legend

X - Listed

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>3*</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>

**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.
Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

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: 19-Jul-2018
Revision Summary Not available

Disclaimer
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END OF SAFETY DATA SHEET