



# SAFETY DATA SHEET

Revision Date: 19-Jul-2018

Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BENJAMIN MOORE NOTABLE DRY ERASE PAINT CATALYST  
**Product Code** 50090  
**Alternate Product Code** 50090  
**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  
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)

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1

### 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



**Appearance** liquid

**Odor** little or no odor

#### **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**

Chemical name	CAS No.	Weight-%
3-aminopropyltriethoxy silane	919-30-2	60
1-Propenamide, 3-(trimethoxysilyl)-N-(3-(trimethoxysilyl)propyl)-	82985-35-1	25
Dibutyltin dilaurate	77-58-7	5

**4. FIRST AID MEASURES**

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	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.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.
<b>Ingestion</b>	If swallowed, get medical help or contact a Poison Control Center right away. Rinse mouth with water. Do not induce vomiting.
<b>Protection Of First-Aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction. Causes burns to skin and eyes.
<b>Notes To Physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	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](http://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 alkalis water moisture

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Dibutyltin dilaurate	0.1 mg/m <sup>3</sup> - TWA 0.2 mg/m <sup>3</sup> - STEL Skin	0.1 mg/m <sup>3</sup> - TWA

### 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

Method	PMCC
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

## 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.

<b>Ingestion</b>	Harmful if swallowed. Accidental ingestion will cause corrosive burns to the mouth, throat, and digestive tract including stomach.
<b>Sensitization</b>	May cause an allergic skin reaction
<b>Corrosivity</b>	Causes severe skin burns and eye damage.
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	Suspected of causing genetic defects.
<b>Reproductive Effects</b>	May damage fertility or the unborn child. Contains material that may cause adverse reproductive effects.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	Eyes, Skin, liver, kidney, Respiratory system.
<b>STOT - single exposure</b>	May cause disorder and damage to the. Eyes. Skin. Lungs.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure if swallowed. Causes damage to organs through prolonged or repeated exposure if inhaled.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

#### Numerical measures of toxicity

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

<b>ATEmix (oral)</b>	961 mg/kg
<b>ATEmix (dermal)</b>	7380 mg/kg

#### 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**

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.

**14. TRANSPORT INFORMATION**

**DOT**

<b>Proper Shipping Name</b>	PAINT RELATED MATERIAL
<b>Hazard class</b>	8
<b>UN-No.</b>	UN3066
<b>Packing Group</b>	II
<b>Description</b>	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.

**DSL: Canada**

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



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## 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](http://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

**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.*

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*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](http://www.epa.gov/lead).

**Prepared By** Product Stewardship Department  
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101 Paragon Drive  
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800-225-5554

**Revision Date:** 19-Jul-2018  
**Revision Summary** Not available

Disclaimer

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**END OF SAFETY DATA SHEET**