



SAFETY DATA SHEET

Revision Date: 19-Jul-2018

Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name BENJAMIN MOORE NOTABLE DRY ERASE PAINT CATALYST
Product Code K50090
Alternate Product Code K50090
Product Class CATALYST
Color Clear
Recommended use CATALYST
Restrictions on use No information available

Manufactured For

Benjamin Moore & Co., Limited
8775 Keele Street
Concord ON L4K 2N1
Phone: 1-800-361-5898
www.benjaminmoore.com

Manufacturer

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

Emergency Telephone

CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

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 Clear to light yellow liquid

Odor ester-like

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

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	30 - 60%
1-Propenamide, 3-(trimethoxysilyl)-N-(3-(trimethoxysilyl)propyl)-	82985-35-1	10 - 30%
Dibutyltin dilaurate	77-58-7	1 - 5%

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. 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. Call a physician or Poison Control Center immediately. 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

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Dibutyltin dilaurate	0.1 mg/m ³ - TWA 0.2 mg/m ³ - STEL Skin	0.1 mg/m ³ - TWA 0.2 mg/m ³ - STEL Substance may be readily absorbed through intact skin	0.1 mg/m ³ - TWA 0.2 mg/m ³ - STEL Skin absorption can contribute to overall exposure.	0.1 mg/m ³ - TWA 0.2 mg/m ³ - STEL Danger of cutaneous absorption	0.1 mg/m ³ - TWAEV 0.2 mg/m ³ - STEV Skin absorption can contribute to overall exposure.

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
 Alberta - Alberta Occupational Exposure Limits
 British Columbia - British Columbia Occupational Exposure Limits
 Ontario - Ontario Occupational Exposure Limits
 Quebec - Quebec Occupational Exposure Limits
 N/E - Not established

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Skin Protection

Respiratory Protection

Face-shield Tightly fitting safety goggles
 Protective gloves and impervious clothing.
 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	Clear to light yellow liquid
Odor	ester-like
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 if swallowed, inhaled, or absorbed through skin

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	May cause disorder and damage to the. Eyes. Skin. Lungs.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure if swallowed. 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

ATEmix (oral)	961 mg/kg
ATEmix (dermal)	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

Chronic 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, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

TDG

Proper Shipping Name
Hazard class
UN-No.
Packing Group
Description

PAINT RELATED MATERIAL
8
UN3066
II
UN3066, PAINT RELATED MATERIAL, 8, 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
DSL: Canada

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

National Pollutant Release Inventory (NPRI)

NPRI Parts 1- 4

This product contains the following Parts 1-4 NPRI chemicals:

None

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

None

