

## SAFETY DATA SHEET

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### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Name** CHALKBOARD PAINT BASE 4  
**Product List** 3084X A  
**Product Class** WATER THINNED PAINT  
**Color** All  
**Recommended use** Paint  
**Restrictions on use** No information available

**Manufacturer**  
 Benjamin Moore & Co.  
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 Montvale, NJ 07645  
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 +1-703-527-3887 (INTERNATIONAL)  
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### Section 2: HAZARDS IDENTIFICATION

#### 2.1.

REGULATION (EC) No 1272/2008

|                           |                     |
|---------------------------|---------------------|
| <b>Skin sensitization</b> | Category 1 - (H317) |
|---------------------------|---------------------|

#### 2.2.

##### Product Identifier

Contains 1,2-Benzisothiazolin-3-one, 2-Methyl-4-isothiazolin-3-one, 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1)



##### Signal word

Warning

##### Hazard statements

H317 - May cause an allergic skin reaction

**Precautionary Statements - EU (§28, 1272/2008)**

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

**2.3.****General Hazards**

No information available

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Not applicable

**3.2 Mixtures**

| Chemical Name   | EINECS/ELINCS No. | CAS-No     | Weight % (max) | EU - GHS Substance Classification  | REACH No.     |
|---|-------------------|------------|----------------|--|---------------|
| 1,2-Benzisothiazolin-3-one  | 220-120-9         | 2634-33-5  | 0.1            | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)  | Not available |
| 2-Methyl-4-isothiazolin-3-one   | 220-239-6         | 2682-20-4  | 0.01           | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Skin Corr. 1B (H314)<br>Skin Sens. 1 (H317)<br>Eye Dam. 1 (H318)<br>STOT SE 3 (H335)<br>Aquatic Acute 1 (H400)           | Not available |
| 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) | -                 | 55965-84-9 | 0.005          | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Skin Corr. 1B (H314)<br>Acute Tox. 3 (H331)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | Not available |

Full text of H- and EUH-phrases: see section 16

**Section 4: FIRST AID MEASURES****4.1.****Description of first aid measures****General Advice**

No hazards which require special first aid measures.

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

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|            |  |
|------------|--|
| Inhalation | Move to fresh air. If symptoms persist, call a physician.                                      |
| Ingestion  | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary. |

**4.2.**

**Most important symptoms and effects, both acute and delayed**

|                                 |                                  |
|---------------------------------|----------------------------------|
| Most Important Symptoms/Effects | May cause allergic skin reaction |
|---------------------------------|----------------------------------|

**4.3.**

**Indication of any immediate medical attention and special treatment needed**

|                    |                        |
|--------------------|------------------------|
| Notes To Physician | Treat symptomatically. |
|--------------------|------------------------|

**Section 5: FIRE FIGHTING MEASURES**

**5.1.**

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

|                                |                           |
|--------------------------------|---------------------------|
| Unsuitable Extinguishing Media | No information available. |
|--------------------------------|---------------------------|

**5.2.**

|  |   |
|--|---|
| Specific Hazards Arising From The Chemical | Closed containers may rupture if exposed to fire or extreme heat. |
|--|---|

|                                 |     |
|---------------------------------|-----|
| Sensitivity To Static Discharge | No. |
|---------------------------------|-----|

|                                  |     |
|----------------------------------|-----|
| Sensitivity To Mechanical Impact | No. |
|----------------------------------|-----|

**5.3.**

|   |  |
|---|--|
| Protective Equipment And Precautions For Firefighters | Wear self-contained breathing apparatus and protective suit. |
|---|--|

**Section 6: ACCIDENTAL RELEASE MEASURES**

**6.1.**

|                      |  |
|----------------------|--|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. |
|----------------------|--|

|                   |   |
|-------------------|---|
| Other Information | Observe all relevant local and international regulations. |
|-------------------|---|

**6.2.**

|                           |   |
|---------------------------|---|
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. |
|---------------------------|---|

**6.3.**

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|                                |  |
|--------------------------------|--|
| <b>Methods For Containment</b> | Absorb with inert material and place in suitable container for disposal. |
| <b>Methods For Clean-Up</b>    | Clean contaminated surface thoroughly.                                   |
| <b>6.4.</b>                    |  |
| <b>Other information</b>       | See Section 12 for additional information.                               |

## **Section 7: HANDLING AND STORAGE**

|                                      |  |
|--------------------------------------|--|
| <b>7.1.</b>                          |  |
| <b>Handling</b>                      | Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| <b>Hygiene Measures</b>              | Wash thoroughly after handling.  |
| <b>7.2.</b>                          |  |
| <b>Storage</b>                       | Keep container tightly closed. Keep out of the reach of children.  |
| <b>7.3.</b>                          |  |
| <b>Specific Uses</b>                 | Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.   |
| <b>Risk Management Methods (RMM)</b> | Not Applicable.  |

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|  |  |
|--|--|
| <b>8.1.</b>                                  |  |
| <b><u>Exposure limits</u></b>                |  |
| <b>8.2.</b>                                  |  |
| <b><u>Occupational exposure controls</u></b> |  |
| <b>Engineering Measures</b>                  | Ensure adequate ventilation, especially in confined areas.               |
| <b><u>Personal Protective Equipment</u></b>  |  |
| <b>Respiratory Protection</b>                | In case of insufficient ventilation wear suitable respiratory equipment. |
| <b>Eye Protection</b>                        | Safety glasses with side-shields.  |
| <b>Skin Protection</b>                       | Lightweight protective clothing.   |
| <b>Hand protection</b>                       | Impervious gloves.   |

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1.

|  |  |
|--|--|
| <p><b>Appearance</b><br/><b>Odor</b><br/><b>Odor Threshold</b></p> | <p>liquid<br/>little or no odor<br/>No information available</p> |
|--|--|

| <u>Property</u>                         | <u>Values</u>            | <u>Remarks/ Method</u> |
|---|--------------------------|------------------------|
| Density (g/L)                           | 1210 - 1258              | None known             |
| Relative Density                        | 1.21 - 1.26              | None known             |
| pH                                      | No information available | None known             |
| Viscosity (cps)                         | No information available | None known             |
| Solubility                              | No information available | None known             |
| Water Solubility                        | No information available | None known             |
| Evaporation Rate                        | No information available | None known             |
| Vapor Pressure                          | No information available | None known             |
| Vapor Density                           | No information available | None known             |
| Wt. % Solids                            | 50 - 60                  | None known             |
| Vol. % Solids                           | 40 - 50                  | None known             |
| Wt. % Volatiles                         | 40 - 50                  | None known             |
| Vol. % Volatiles                        | 50 - 60                  | None known             |
| VOC Regulatory Limit (g/L)              | 0                        | None known             |
| Boiling Point (°C)                      | 100                      | None known             |
| Freezing Point (°C)                     | 0                        | None known             |
| Melting Point (°C)                      | No information available | None known             |
| Flash Point (°C)                        | Not applicable           | None known             |
| Flammability (solid, gas)               | No information available | None known             |
| Upper Explosion Limit                   | No information available | None known             |
| Lower Explosion Limit                   | No information available | None known             |
| Autoignition Temperature (°C)           | No information available | None known             |
| Decomposition Temperature (°C)          | No information available | None known             |
| Partition Coefficient (n-octanol/water) | No information available | None known             |
| Explosive properties                    | No information available | None known             |
| Oxidizing Properties                    | No information available | None known             |

**Section 10: STABILITY AND REACTIVITY**

10.1.

**Reactivity** Not Applicable.

10.2.

**Chemical Stability** Stable under normal conditions.

10.3.

**Possibility Of Hazardous Reactions** None under normal conditions of use.

10.4.

**Conditions To Avoid** Prevent from freezing.

**10.5.**

**Incompatible Materials** No materials to be especially mentioned.

**10.6.**

**Hazardous Decomposition Products** None under normal use.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1.**

**Product Information**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | There is no data available for this product.  |
| <b>Eye contact</b>  | There is no data available for this product.  |
| <b>Skin contact</b> | Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. |
| <b>Ingestion</b>    | There is no data available for this product.  |

**Acute Toxicity**

**Component**

| Chemical Name                           | LD50 Oral:           | LD50 Dermal: | LC50 Inhalation: |
|---|----------------------|--------------|------------------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | = 1020 mg/kg ( Rat ) |              |                  |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Skin corrosion/irritation</b> | No information available.            |
| <b>Eye damage/irritation</b>     | No information available.            |
| <b>Sensitization:</b>            | May cause an allergic skin reaction. |
| <b>Mutagenic Effects</b>         | No information available.            |

**Carcinogenic effects**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

IARC - International Agency for Research on Cancer

|                              |                           |
|------------------------------|---------------------------|
| <b>Reproductive Effects</b>  | No information available. |
| <b>Developmental Effects</b> | No information available. |

|                                 |                           |
|---------------------------------|---------------------------|
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Neurological Effects</b>     | No information available. |
| <b>Target Organ Effects</b>     | No information available. |
| <b>Symptoms</b>                 | No information available. |
| <b>Aspiration Hazard</b>        | No information available. |

**Section 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

The environmental impact of this product has not been fully investigated

**12.2.**

**Persistence / Degradability** No information available.

**12.3.**

**Bioaccumulation / Accumulation** No information available.

| Chemical Name                           | log Pow = |
|---|-----------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | 1.3       |

**12.4.**

**Mobility in soil** No information available.

**Mobility in Environmental Media** No information available.

**12.5.**

**PBT and vPvB assessment** No information available.

**12.6.**

**Other adverse effects** No information available

**Section 13: DISPOSAL CONSIDERATIONS**

**13.1.**

**Waste from Residues/Unused Products** Dispose of in accordance with the European Directives on waste and hazardous waste.

|                               |   |
|-------------------------------|---|
| <b>Contaminated Packaging</b> | Empty containers should be taken for local recycling, recovery or waste disposal.                   |
| <b>EWC waste disposal No</b>  | No information available  |
| <b>Other Information</b>      | Waste codes should be assigned by the user based on the application for which the product was used. |

## Section 14: TRANSPORT INFORMATION

|                   |               |
|-------------------|---------------|
| <b>IMDG / IMO</b> | Not regulated |
| <b>RID</b>        | Not regulated |
| <b>ADR</b>        | Not regulated |
| <b>ADN</b>        | Not regulated |
| <b>IATA</b>       | Not regulated |

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Occupational Illnesses (R-463-3, France)

| Chemical Name                           | French RG number |
|---|------------------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | RG 65            |

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### International Inventories

|                               |  |
|-------------------------------|--|
| <b>AICS: Australia</b>        | No - Not all of the components are listed. |
| <b>DSL: Canada</b>            | Yes - All components are listed or exempt. |
| <b>EINECS: European Union</b> | No - Not all of the components are listed. |
| <b>ENCS : Japan</b>           | No - Not all of the components are listed. |
| <b>IECS : China</b>           | No - Not all of the components are listed. |
| <b>KECL: South Korea</b>      | No - Not all of the components are listed. |
| <b>PICCS: Philippines</b>     | No - Not all of the components are listed. |
| <b>TSCA: United States</b>    | Yes - All components are listed or exempt. |

#### Legend

**AICS** - Australian Inventory of Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**IECSC** - China Inventory of Existing Chemical Substances  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances



TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**15.2.**

**Chemical Safety Report**

No information available

**Section 16: OTHER INFORMATION**

**Full text of H-Statements referred to under section 3**

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H301 - Toxic if swallowed
- H311 - Toxic in contact with skin
- H314 - Causes severe skin burns and eye damage
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H335 - May cause respiratory irritation
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

**Classification procedure:**

Expert judgment and weight of evidence determination

**Key literature references and sources for data**

Data from internal and external sources

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**Revision Summary**

Change to Format

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**End of Safety Data Sheet**