



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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

**Product Name** FRESH START HIGH-HIDING ALL PURPOSE PRIMER DEEP COLOR BASE  
**Product Code** 04604  
**Alternate Product Code** 04604  
**Product Class** WATER THINNED PAINT  
**Color** All  
**Recommended use** Paint  
**Restrictions on use** No information available

**Manufacturer**  
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## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

|                                 |                     |
|---------------------------------|---------------------|
| <b>Chronic aquatic toxicity</b> | Category 3 - (H412) |
|---------------------------------|---------------------|

### 2.2. Label elements

#### Product Identifier

#### Hazard statements

H412 - Harmful to aquatic life with long lasting effects

EUH208 - Contains ( Carbamic acid, butyl-, 3-iodo-2-propynyl ester, 1,2-Benzisothiazolin-3-one, 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) ). May produce an allergic reaction

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

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other hazards**

**General Hazards**

No information available

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

**3.2 Mixtures**

| Chemical name   | EINECS/ELINCS No. | CAS No.    | Weight-%         | Classification according to Regulation (EC) No. 1272/2008 [CLP]  | REACH registration number |
|---|-------------------|------------|------------------|--|---------------------------|
| Titanium dioxide  | 236-675-5         | 13463-67-7 | >=1 - <5         |  | 01-2119489379-17-0168     |
| Diatomaceous earth  | -                 | 61790-53-2 | >=1 - <5         |  | Not available             |
| Zinc oxide  | 215-222-5         | 1314-13-2  | >=0.5 - <1       | Aquatic Acute 1(H400)<br>Aquatic Chronic 1(H410)   | Not available             |
| Carbamic acid, butyl-, 3-iodo-2-propynyl ester  | 259-627-5         | 55406-53-6 | >=0.1 - <0.3     | Acute Tox. 4 (H302)<br>STOT RE 1 (H372)<br>Acute Tox. 3 (H331)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)       | Not available             |
| 1,2-Benzisothiazolin-3-one  | 220-120-9         | 2634-33-5  | >=0.01 - < 0.05  | 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             |
| 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) | -                 | 55965-84-9 | >=0.001 - <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**

**Description of first aid measures**

**General Advice**

No hazards which require special first aid measures.

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|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.   |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. |
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, call a physician.  |
| <b>Ingestion</b>    | 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. Extinguishing media**

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

**Unsuitable Extinguishing Media** No information available.

**5.2. Special hazards arising from the substance or mixture**

**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. Advice for firefighters**

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

**Section 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

**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**

**Environmental precautions** Prevent spreading of vapors through sewers, ventilation systems and confined areas.

**6.3. Methods and material for containment and cleaning up**

**Methods for Containment** Absorb with inert material and place in suitable container for disposal.

**Methods for Cleaning Up** Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

**Other information** See Section 12 for additional information.

**Section 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

**Handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

**Hygiene Measures** Wash thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed. Keep out of the reach of children.

**7.3. Specific end use(s)**

**Specific Uses** Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.

**Risk Management Methods (RMM)** Not Applicable.

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

**8.1. Control parameters**

| Chemical name                    | European Union | United Kingdom  | Belgium   | Bulgaria  | Cyprus | Greece  |
|----------------------------------|----------------|---|---|---|--------|---|
| Titanium dioxide<br>13463-67-7   |                | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup>                             | TWA: 10.0 mg/m <sup>3</sup><br>TWA: 1.0 mg/m <sup>3</sup> |        | TWA: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> |
| Diatomaceous earth<br>61790-53-2 |                | TWA: 1.2 mg/m <sup>3</sup><br>STEL: 3.6 mg/m <sup>3</sup>   | TWA: 3 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup> | TWA: 1.0 mg/m <sup>3</sup>                                |        |   |

| Component                                  | Ireland   | Latvia                    | Lithuania                | Poland   | Romania                   | Spain                     |
|--|---|---------------------------|--------------------------|--|---------------------------|---------------------------|
| Titanium dioxide<br>13463-67-7 ( 3.70823 ) | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup> | TWA: 10.0 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup> |
| Diatomaceous earth                         |   |                           |                          | TWA: 10 mg/m <sup>3</sup>  |                           |                           |

|                        |  |  |  |                            |  |  |
|------------------------|--|--|--|----------------------------|--|--|
| 61790-53-2 ( 3.46729 ) |  |  |  | TWA: 2.0 mg/m <sup>3</sup> |  |  |
|------------------------|--|--|--|----------------------------|--|--|

| Component                                    | Italy | France                    | Netherlands | Germany                  | Sweden                   | Hungary | Iceland                   |
|--|-------|---------------------------|-------------|--------------------------|--------------------------|---------|---------------------------|
| Titanium dioxide<br>13463-67-7 ( 3.70823 )   |       | TWA: 10 mg/m <sup>3</sup> |             |                          | TLV: 5 mg/m <sup>3</sup> |         | 6 mg/m <sup>3</sup> TWA   |
| Diatomaceous earth<br>61790-53-2 ( 3.46729 ) |       |                           |             | TWA: 4 mg/m <sup>3</sup> |                          |         | 1.5 mg/m <sup>3</sup> TWA |

## 8.2. Exposure controls

### Occupational exposure controls

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

#### Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

#### Eye Protection

Safety glasses with side-shields.

#### Skin Protection

Lightweight protective clothing.

#### Hand protection

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. Information on basic physical and chemical properties

#### Appearance

liquid

#### Odor

little or no odor

#### Odor Threshold

No information available

#### Property

#### Values

#### Remarks/ Method

#### Density (g/L)

1186 - 1222

None known

#### Relative Density

1.18 - 1.23

None known

#### pH

No information available

None known

#### Viscosity (cps)

No information available

None known

#### Solubility(ies)

No information available

None known

#### Water solubility

No information available

None known

#### Evaporation Rate

No information available

None known

#### Vapor pressure @20 °C (kPa)

No information available

None known

#### Vapor density

No information available

None known

#### Wt. % Solids

45 - 55

None known

#### Vol. % Solids

35 - 45

None known

#### Wt. % Volatiles

45 - 55

None known

#### Vol. % Volatiles

55 - 65

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 flammability limit:      | No information available | None known |
| Lower flammability limit:      | No information available | None known |
| Autoignition Temperature (°C)  | No information available | None known |
| Decomposition Temperature (°C) | No information available | None known |
| Partition coefficient          | 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

Reactivity Not Applicable.

### 10.2. Chemical stability

Chemical Stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions of use.

### 10.4. Conditions to avoid

Conditions to avoid Prevent from freezing.

### 10.5. Incompatible materials

Incompatible Materials No materials to be especially mentioned.

### 10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal conditions of use.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Product Information

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

#### Acute Toxicity

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

ATEmix (inhalation-dust/mist) 315.73 mg/l

**Component Information**

| Chemical name  | Oral LD50             | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|-------------|-----------------|
| Titanium dioxide<br>13463-67-7   | > 10000 mg/kg ( Rat ) |             |                 |
| Zinc oxide<br>1314-13-2  | > 5000 mg/kg ( Rat )  |             |                 |
| Carbamic acid, butyl-,<br>3-iodo-2-propynyl ester<br>55406-53-6  | = 1100 mg/kg ( Rat )  |             |                 |
| 1,2-Benzisothiazolin-3-one<br>2634-33-5  | = 1020 mg/kg ( Rat )  |             |                 |
| 5-Chloro-2-methyl-3(2H)-isothiazolo<br>ne mixture with<br>2-methyl-3(2H)-isothiazolone (3:1)<br>55965-84-9 | = 53 mg/kg ( Rat )    |             |                 |

**Skin corrosion/irritation** No information available.  
**Eye damage/irritation** No information available.  
**Sensitization** May cause sensitization of susceptible persons.  
**Mutagenic Effects** No information available.

**Carcinogenic effects**

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

| Chemical name                  | European Union | IARC                           |
|--------------------------------|----------------|--------------------------------|
| Titanium dioxide<br>13463-67-7 |                | 2B - Possible Human 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."

**Legend**

IARC - International Agency for Research on Cancer

**Reproductive Effects** No information available.  
**Developmental Effects** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Neurological Effects** No information available.  
**Target organ effects** No information available.  
**Symptoms** No information available.  
**Aspiration Hazard** No information available.

**Section 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Harmful to aquatic life with long lasting effects

| Chemical name  | Algae/aquatic plants | Fish   | Crustacea |
|--|----------------------|--|-----------|
| Diatomaceous earth<br>61790-53-2                             |                      | LC50 >10000 mg/L Cyprinus carpio (72h)   |           |
| Carbamic acid, butyl-, 3-iodo-2-propynyl ester<br>55406-53-6 |                      | LC50 0.14 - 0.32 mg/L Lepomis macrochirus (96 h) LC50 0.049 - 0.079 mg/L Oncorhynchus mykiss (96 h) LC50 0.05 - 0.089 mg/L Oncorhynchus mykiss (96 h) LC50 0.18 - 0.23 mg/L Pimephales promelas (96 h) |           |

**12.2. Persistence and degradability**

**Persistence / Degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

| Chemical name                           | Partition coefficient |
|---|-----------------------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | 1.3                   |

**12.4. Mobility in soil**

**Mobility in soil** No information available.

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

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

**Other adverse effects** No information available

**Section 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

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

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.



**EWC waste disposal No**

No information available

**Other Information**

Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

**IMDG**

Not regulated

**RID**

Not regulated

**ADR**

Not regulated

**ADN**

Not regulated

**IATA**

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 |
|---|------------------|
| Diatomaceous earth<br>61790-53-2        | RG 25            |
| 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

**AICS**

No - Not all of the components are listed.

**DSL: Canada**

Yes - All components are listed or exempt.

**EINECS: European Union**

No - Not all of the components are listed.

**ENCS**

No - Not all of the components are listed.

**IECSC**

No - Not all of the components are listed.

**KECL**

No - Not all of the components are listed.

**PICCS**

No - Not all of the components are listed.

**TSCA: United States**

Yes - All components are listed or exempt.

#### Legend

**AICS** - Australian Inventory of Chemical Substances

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - China Inventory of Existing Chemical Substances

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European 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 assessment**

**Chemical Safety Report**

No information available

**Section 16: OTHER INFORMATION**

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

- H301 - Toxic if swallowed
- H302 - Harmful if swallowed
- H311 - Toxic in contact with skin
- H314 - Causes severe skin burns and eye damage
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H331 - Toxic if inhaled
- H372 - Causes damage to organs through prolonged or repeated exposure
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

|   |   |
|---|---|
| <b>Classification procedure:</b>                      | Expert judgment and weight of evidence determination  |
| <b>Key literature references and sources for data</b> | Data from internal and external sources   |
| <b>Prepared By</b>                                    | Product Stewardship Department<br>Benjamin Moore & Co.<br>101 Paragon Drive<br>Montvale, NJ 07645<br>800-225-5554 |
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| <b>Revision Summary</b>                               | Change to Format  |

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**End of Safety Data Sheet**