



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 - WHITE
Product Code 04600
Alternate Product Code 04600
Product Class Water thinned paint
Color White
Recommended use Paint
Restrictions on use No information available

Manufactured For

Benjamin Moore & Co., Limited
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Concord ON L4K 2N1
Phone: 1-800-361-5898
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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic aquatic toxicity	Category 3 - (H412)
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2.2. Label elements

Product Identifier

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

EUH208 - Contains (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

Not applicable

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	>=10 - <15		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) 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) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) 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	>=0.0005 - <0.001	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Acute Tox. 3 (H331) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) 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.

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 while removing all contaminated clothes and shoes.
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. 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 13463-67-7		TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³ TWA: 1.0 mg/m ³		TWA: 10 mg/m ³ TWA: 5 mg/m ³
Diatomaceous earth 61790-53-2		TWA: 1.2 mg/m ³ STEL: 3.6 mg/m ³	TWA: 3 mg/m ³ TWA: 10 mg/m ³	TWA: 1.0 mg/m ³		

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Titanium dioxide 13463-67-7 (14.4091)	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 10.0 mg/m ³ TWA: 10 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³
Diatomaceous earth 61790-53-2 (2.73064)				TWA: 10 mg/m ³ TWA: 2.0 mg/m ³		

Component	Italy	France	Netherlands	Germany	Sweden	Hungary	Iceland

Titanium dioxide 13463-67-7 (14.4091)		TWA: 10 mg/m ³			TLV: 5 mg/m ³		6 mg/m ³ TWA
Diatomaceous earth 61790-53-2 (2.73064)				TWA: 4 mg/m ³			1.5 mg/m ³ 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

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	1270 - 1306	None known
Relative Density	1.27 - 1.32	
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	50 - 60	None known
Vol. % Solids	35 - 45	None known
Wt. % Volatiles	40 - 50	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	Inhalation of vapors in high concentration may cause irritation of respiratory system. Avoid breathing vapors or mists.
Eye contact	There is no data available for this product.
Skin contact	Prolonged skin contact may cause skin irritation and/or dermatitis. May cause sensitization by skin contact.
Ingestion	There is no data available for this product.

Acute Toxicity

Component Information

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

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

Sensitization

May cause an allergic skin reaction. 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 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 61790-53-2		LC50 > 10000 mg/L Cyprinus carpio (72 h)	

12.2. Persistence and degradability

Persistence / Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
1,2-Benzisothiazolin-3-one 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

<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated
<u>IATA</u>	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 61790-53-2	RG 25
1,2-Benzisothiazolin-3-one 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
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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
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
Prepared By	Product Stewardship Department Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 800-225-5554
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End of Safety Data Sheet