



SAFETY DATA SHEET

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

Product Name FRESH START MULTI-PURPOSE LATEX PRIMER DEEP COLOR BASE
Product Code N02304
Product Class WATER THINNED PAINT
Color All
Recommended use Paint
Restrictions on use No information available

Manufacturer
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 855-724-6802
www.benjaminmoore.com

Only Representative (OR)
ITS Testing Services (UK) Ltd.
Bainbridge House
86-90 London Road
Manchester
United Kingdom
M1 2PW
e-mail: ies01.reach@intertek.com

Emergency Telephone Number(s)
CHEMTREC:
+1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

Section 2: HAZARDS IDENTIFICATION

2.1.

REGULATION (EC) No 1272/2008

Skin sensitization	Category 1 - (H317)
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Chronic aquatic toxicity	Category 2 - (H411)
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Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R phrases mentioned in this Section, see Section 16

Symbol(s)

Xi - Irritant
N - Dangerous for the environment

R-code(s)

R43 - N;R51-53

2.2.

Product Identifier



Signal word
Warning

Hazard statements

H317 - May cause an allergic skin reaction
H411 - Toxic to aquatic life with long lasting effects

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

P280 - Wear 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
P273 - Avoid release to the environment

2.3.

Other hazards Toxic to aquatic life

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 Classification	EU - GHS Substance Classification	REACH No.
Titanium dioxide	236-675-5	13463-67-7	5	Unclassified		Not available
Diatomaceous earth	-	61790-53-2	5	Unclassified		Not available
Kaolin	310-194-1	1332-58-7	5	Unclassified		Not available
Zinc oxide	215-222-5	1314-13-2	1	N;R50-53	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	206-354-4	330-54-1	0.1	Carc.Cat.3;R40 Xn;R22-48/22 N;R50-53	Acute Tox. 4 (H302) STOT RE 2 (H373) Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available

1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	0.1	Xn; R22 Xi; R38-41 R43 N; R50	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	0.005	C;R34 Xn;R22 T;R23 R43 N; R50	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)	Not available

For the full text of the R phrases mentioned in this Section, see Section 16
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.

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.

Methods For Containment

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

Methods For Clean-Up

Clean contaminated surface thoroughly.

6.4.

Other information

See Section 12 for additional information.

Section 7: HANDLING AND STORAGE

7.1.

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.

Storage

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

7.3.

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.

Exposure limits

Chemical Name	EU	United Kingdom	Belgium	Bulgaria	Cyprus	Greece
Kaolin 1332-58-7		TWA: 2 mg/m ³ STEL: 6 mg/m ³	TWA: 2 mg/m ³	TWA: 3.0 mg/m ³ TWA: 6.0 mg/m ³		
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: 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		

Chemical Name	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Kaolin 1332-58-7	TWA: 2 mg/m ³			NDS: 10.0 mg/m ³	TWA: 2 mg/m ³	VLA-ED: 2 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 10.0 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 10 mg/m ³
Diatomaceous earth 61790-53-2				NDS: 10 mg/m ³ NDS: 2.0 mg/m ³		VLA-ED: 10 mg/m ³ VLA-ED: 3 mg/m ³

8.2.

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.

Appearance

liquid

Odor

little or no odor

Odor Threshold

No information available

Property

Values

Remarks/ Method

Density (g/L)

1150 - 1186

None known

Relative Density

1.15 - 1.19

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

40 - 50

None known

Vol. % Solids

30 - 40

None known

Wt. % Volatiles

50 - 60

None known

Vol. % Volatiles

60 - 70

None known

VOC Regulatory Limit (g/L)

< 50

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

Inhalation There is no data available for this product
Eye contact There is no data available for this product.
Skin contact There is no data available for this product.
Ingestion There is no data available for this product.

Acute Toxicity

Component

Chemical Name	LD50 Oral:	LD50 Dermal:	LC50 Inhalation:
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)		
Zinc oxide 1314-13-2	> 5000 mg/kg (Rat)		
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	= 1017 mg/kg (Rat)		> 0.265 mg/L (Rat)
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)		

Skin corrosion/irritation No information available.

Eye damage/irritation No information available.

Sensitization: May cause sensitization by skin contact.

Mutagenic Effects No information available.

Carcinogenic effects

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

Chemical Name	EU Annex I Carcinogen Information	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."

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

Toxic to aquatic life
Toxic to aquatic life with long lasting effects

Chemical Name	Freshwater Algae Data	Freshwater Fish Species Data	Water Flea Data
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	EC50 < 0.1 mg/L (72 h) EC50 = 0.0007 mg/L (96 h) EC50 = 0.022 mg/L (96 h) EC50 = 0.036 mg/L (72 h)	LC50 1.5 - 2.54 mg/L Oncorhynchus mykiss (96 h) LC50 13.4 - 15 mg/L Pimephales promelas (96 h) LC50 2.3 - 3.3 mg/L Lepomis macrochirus (96 h) LC50 = 14.7 mg/L Oncorhynchus mykiss (96 h) LC50 = 2.9 mg/L Cyprinus carpio (96 h) LC50 = 4 mg/L Lepomis macrochirus (96 h)	EC50 6.3 - 13 mg/L (48 h) EC50 = 1.4 mg/L (48 h)

12.2.

Persistence / Degradability	No information available.
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12.3.

Bioaccumulation / Accumulation No information available.

Chemical Name	log Pow =
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	2.82
1,2-Benzisothiazolin-3-one 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.

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Urea, N-(3,4-dichlorophenyl)- N,N-dimethyl-	Group II Chemical		

Section 13: DISPOSAL CONSIDERATIONS

13.1.

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 / IMO Not regulated

RID Not regulated

Section 14: TRANSPORT INFORMATION

<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
Titanium dioxide 13463-67-7	-
Diatomaceous earth 61790-53-2	RG 25
Kaolin 1332-58-7	-
Zinc oxide 1314-13-2	-
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	-
1,2-Benzisothiazolin-3-one 2634-33-5	RG 65
2-Methyl-4-isothiazolin-3-one 2682-20-4	-

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: Australia	No - Not all of the components are listed.
DSL: Canada	No - Not all of the components are listed.
EINECS: European Union	One or more component is listed on NDSL.
ENCS : Japan	No - Not all of the components are listed.
IECS : China	No - Not all of the components are listed.
KECL: South Korea	No - Not all of the components are listed.
PICCS: Philippines	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/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

Text of R phrases mentioned in Sections 2 & 3

R53 - May cause long-term adverse effects in the aquatic environment

R50 - Very toxic to aquatic organisms

R65 - Harmful: may cause lung damage if swallowed

R41 - Risk of serious damage to eyes

R22 - Harmful if swallowed

R40 - Limited evidence of a carcinogenic effect

R43 - May cause sensitization by skin contact

R38 - Irritating to skin

R34 - Causes burns

R23 - Toxic by inhalation

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed

Full text of H-Statements referred to under section 3

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H302 - Harmful if swallowed

H315 - Causes skin irritation

H318 - Causes serious eye damage

H317 - May cause an allergic skin reaction

H373 - May cause damage to organs through prolonged or repeated exposure if inhaled

H351 - Suspected of causing cancer if inhaled

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H314 - Causes severe skin burns and eye damage

H335 - May cause respiratory irritation

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
855-724-6802

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Change to Format

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End of Safety Data Sheet