



SAFETY DATA SHEET

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

Product Name GRAND ENTRANCE WATERBORNE ALYKD HIGH GLOSS FINISH - BASE 1
Product Code 1481X
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
Classification not possible

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)
Not dangerous

2.2.

Product Identifier
Classification not possible
Signal word
None

Contains Tetramethyl-5-decyne-4,7-diol, 2,4,7,9- EUH208 - May produce an allergic reaction

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 Classification	EU - GHS Substance Classification	REACH No.
Titanium dioxide	236-675-5	13463-67-7	25	Unclassified		Not available
Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	204-809-1	126-86-3	0.5	Xi;R36 R52/53	Eye Dam. 1 (H318) Skin Sens. 1 (H317) Chronic Aquatic 3 (H412)	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 None known

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

Aborb 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
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

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Titanium dioxide 13463-67-7 (24.5313)	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

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.

<p>Appearance Odor Odor Threshold</p>	<p>liquid little or no odor No information available</p>
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<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	No data available	None known
Relative Density	.? 1.29	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	35 - 45	None known
Wt. % Volatiles	40 - 50	None known
Vol. % Volatiles	55 - 65	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)		

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	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

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.

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.
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

<u>IMDG / IMO</u>	Not regulated
<u>RID</u>	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)

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. One or more component is listed on NDSL.
EINECS: European Union	No - Not all of the components are listed.
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

R36 - Irritating to eyes

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of H-Statements referred to under section 3

H318 - Causes serious eye damage

H317 - May cause an allergic skin reaction

H412 - Harmful 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
855-724-6802

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Revision Summary

Change to Format

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End of Safety Data Sheet