

SAFETY DATA SHEET

Issuing Date 17-Nov-2015

Revision Date: 17-Nov-2015

Revision Number: 1

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

| | |
|----------------------------|---|
| Product Name | NATURA WATERBORNE INTERIOR PAINT SEMI-GLOSS FINISH - WHITE |
| Product Code | 51401 |
| Product List | 51401 A1 |
| Product Class | WATER THINNED PAINT |
| Color | White |
| 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) |
|---------------------------|---------------------|

2.2.

Product Identifier

Contains 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 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. |
|---|-------------------|------------|----------------|--|---------------|
| Titanium dioxide | 236-675-5 | 13463-67-7 | 25 | | Not available |
| Aluminum hydroxide | 244-492-7 | 21645-51-2 | 5 | | 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) 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

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 |
|----------------------------------|----|---|---------------------------|---|--------|---|
| 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 |
| Aluminum hydroxide 21645-51-2 | | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 12 mg/m ³ STEL: 30 mg/m ³ | | TWA: 1.5 mg/m ³ TWA: 10.0 mg/m ³ | | |

| Component | Ireland | Latvia | Lithuania | Poland | Romania | Spain |
|--|---|---------------------------|---------------------------|---|---|---------------------------|
| Titanium dioxide 13463-67-7 (23.447) | 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 |
| Aluminum hydroxide 21645-51-2 (1.00725) | | TWA: 6 mg/m ³ | IPRV: 6 mg/m ³ | NDS: 1.2 mg/m ³ NDS: 2.5 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 |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|--|--------------------------|------------------------|
| Density (g/L) | 1270 - 1306 | None known |
| Relative Density | 1.27 - 1.31 | 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 | 45 - 55 | None known |
| Vol. % Solids | 35 - 45 | None known |
| Wt. % Volatiles | 45 - 55 | None known |
| Vol. % Volatiles | 55 - 65 | 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

| | |
|-----------------------------------|-----------------|
| <u>10.1.</u> Reactivity | Not Applicable. |
|-----------------------------------|-----------------|

| | |
|---|---------------------------------|
| <u>10.2.</u> 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 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

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) | | |
| Aluminum hydroxide 21645-51-2 | > 5000 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 | | 2B - Possible Human Carcinogen |

| | | |
|------------|--|--|
| 13463-67-7 | | |
|------------|--|--|

• 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

| | |
|-------------------|---------------|
| IMDG / IMO | 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)

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 **text to appear**

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/NDL - 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

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
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
855-724-6802

Issuing Date

17-Nov-2015

Revision Date:

17-Nov-2015

Revision Summary

Change to Format

Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

End of Safety Data Sheet