

# **SAFETY DATA SHEET**

Revision Date: 23-Jun-2015 Revision Number: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ECO SPEC WB FLAT FINISH - BASE 2

Product Code N3732X

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 Emergency Telephone Number(s) CHEMTREC (US): 800-424-9300

CHEMTREC (outside US): (703)-527-3887

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### Label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Appearance liquid Odor little or no odor

Hazards not otherwise classified (HNOC)

Not Applicable

Other information

No information available

### 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical Name	CAS-No	Weight % (max)
Nepheline syenite	37244-96-5	15
Titanium dioxide	13463-67-7	15
Silica, amorphous	7631-86-9	5
Diatomaceous earth	61790-53-2	5

# 4. 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.

Most Important Symptoms/Effects None known.

Notes To Physician Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

**Protective Equipment And Precautions For** 

**Firefighters** 

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent)

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and full protective gear.

Specific Hazards Arising From The Chemical Closed containers may rupture if exposed to fire or

extreme heat.

Sensitivity To Mechanical Impact No

Sensitivity To Static Discharge No

**Flash Point Data** 

Flash Point (°F)

Flash Point (°C)

Flash Point Method

Not applicable
Not applicable

Flammability Limits In Air

Lower Explosion LimitNot applicableUpper Explosion LimitNot applicable

NFPA Health: 1 Flammability: 0 Instability: 0 Special: Not Applicable

#### NFPA Legend

- 0 Not Hazardous
- 1 Slightly
- 2 Moderate
- 3 High
- 4 Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Other Information** Prevent further leakage or spillage if safe to do so.

**Environmental Precautions** See Section 12 for additional Ecological Information.

Methods For Clean-Up Soak up with inert absorbent material. Sweep up and shovel into suitable

containers for disposal.

### 7. HANDLING AND STORAGE

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.

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

Incompatible Materials No information available

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Limits**

Chemical Name	ACGIH	OSHA
Nepheline syenite	N/E	5 mg/m <sup>3</sup> - TWA (nuisance dust)
Titanium dioxide	10 mg/m³ - TWA	15 mg/m³ - TWA
Silica, amorphous	N/E	- (80)/(% SiO2) mg/m³ TWA 20 mppcf - TWA
Diatomaceous earth	N/E	- (80)/(% SiO2) mg/m³ TWA 20 mppcf - TWA

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment** 

**Eye/Face Protection** Safety glasses with side-shields.

**Skin Protection** Protective gloves and impervious clothing.

**Respiratory Protection** In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures Avoid contact with skin, eyes and clothing. Remove and wash contaminated

clothing before re-use. Wash thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid

**Odor** little or no odor

Odor Threshold No information available

 Density (lbs/gal)
 10.1 - 10.4

 Specific Gravity
 1.21 - 1.25

pHNo information availableViscosity (cps)No information availableSolubilityNo information availableWater SolubilityNo information availableEvaporation RateNo information availableVapor PressureNo information availableVapor DensityNo information available

40 - 50 Wt. % Solids Vol. % Solids 25 - 35 Wt. % Volatiles 50 - 60 Vol. % Volatiles 65 - 75 VOC Regulatory Limit (g/L) 0 212 **Boiling Point (°F) Boiling Point (°C)** 100 Freezing Point (°F) 32 Freezing Point (°C)

Flash Point (°F)

Flash Point (°C)

Flash Point Method

Flammability (solid, gas)

Upper Explosion Limit

Lower Explosion Limit

Not applicable

Not applicable

Not applicable

Not applicable

Autoignition Temperature (°F)No information availableAutoignition Temperature (°C)No information availableDecomposition Temperature (°F)No information availableDecomposition Temperature (°C)No information availablePartition Coefficient (n-octanol/water)No information available

### 10. STABILITY AND REACTIVITY

Reactivity Not Applicable

Chemical Stability Stable under normal conditions.

Conditions To Avoid Prevent from freezing.

**Incompatible Materials**No materials to be especially mentioned.

Hazardous Decomposition Products

None under normal use.

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#### **Possibility Of Hazardous Reactions**

None under normal conditions of use.

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### 11. TOXICOLOGICAL INFORMATION

#### **Product Information**

Information on likely routes of exposure

Eye contact, skin contact and inhalation. **Principal Routes of Exposure** 

**Acute Toxicity** 

No information available **Product Information** 

Information on toxicological effects

No information available **Symptoms** 

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

May cause slight irritation. **Eve contact** 

Skin contact Substance may cause slight skin irritation. Prolonged or repeated contact may dry

skin and cause irritation.

Inhalation May cause irritation of respiratory tract.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion

No information available Sensitization: No information available. **Neurological Effects** No information available. **Mutagenic Effects** No information available. Reproductive Effects No information available. **Developmental Effects Target Organ Effects** No information available. STOT - single exposure No information available STOT - repeated exposure No information available No information available. Other adverse effects **Aspiration Hazard** No information available

#### Numerical measures of toxicity

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

ATEmix (oral) 46094 mg/kg 111177 mg/kg ATEmix (dermal)

Component

#### **Acute Toxicity**

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat) LD50 Dermal: > 10000 mg/m³ (Rabbit)

LC50 Inhalation (Dust): > 6.82 mg/L (Rat, 4 hr.)

Silica, amorphous

LD50 Oral: > 5000 mg/kg (Rat) LD50 Dermal: 2,000 mg/kg (Rabbit) LC50 Inhalation (Dust): > 2 mg/L

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### Carcinogenicity

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

Chemical Name	IARC	NTP	OSHA Carcinogen
	2B - Possible Human		Listed
Titanium dioxide	Carcinogen		

<sup>•</sup> Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes:

#### Legend

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

### 12. ECOLOGICAL INFORMATION

### **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

### **Product Information**

### **Acute Toxicity to Fish**

No information available

### **Acute Toxicity to Aquatic Invertebrates**

No information available

#### **Acute Toxicity to Aquatic Plants**

No information available

### Persistence / Degradability

No information available.

### **Bioaccumulation / Accumulation**

No information available.

### **Mobility in Environmental Media**

No information available.

#### **Ozone**

No information available

### Component

# **Acute Toxicity to Fish**

### Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

#### **Acute Toxicity to Aquatic Invertebrates**

No information available

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<sup>&</sup>quot;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."

#### **Acute Toxicity to Aquatic Plants**

No information available

### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with federal, state, provincial, and local regulations.

Local requirements may vary, consult your sanitation department or

state-designated environmental protection agency for more disposal options.

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### 14. TRANSPORT INFORMATION

**DOT** Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

### 15. REGULATORY INFORMATION

### **International Inventories**

**TSCA: United States**Yes - All components are listed or exempt.

Yes - All components are listed or exempt.

### Federal Regulations

### SARA 311/312 hazardous categorization

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

None

# Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

None

# **State Regulations**

#### **California Proposition 65**

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

#### State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Titanium dioxide	X	X	X
Silica, amorphous	X	X	X
Diatomaceous earth		X	

### Legend

X - Listed

### **16. OTHER INFORMATION**

Health: 1 Flammability: 0 Reactivity: 0 PPE: -

#### **HMIS Legend**

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard
- \* Chronic Hazard
- X Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By Product Stewardship Department

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#### Disclaimer

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**END OF SAFETY DATA SHEET**