1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ben WATERBORNE EXTERIOR FLAT FINISH BASE 4
Product Code: 5414X
Alternate Product Code: 5414X
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: 1-866-708-9180
www.benjaminmoore.com

Emergency Telephone:
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 hazardous 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nepheline syenite</td>
<td>37244-96-5</td>
<td>25 - 30</td>
</tr>
<tr>
<td>Diatomaceous earth</td>
<td>61790-53-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium C14-C16 olefin sulfonate</td>
<td>68439-57-6</td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>

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 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.

**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) 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**

<table>
<thead>
<tr>
<th>Method</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°F)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Flammability Limits In Air**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower flammability limit:</td>
</tr>
</tbody>
</table>
Upper flammability limit: Not 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 Cleaning 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**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diatomaceous earth</td>
<td>N/E</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 mppcf - TWA</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Eye/Face Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses with side-shields.</td>
</tr>
</tbody>
</table>
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)
- 10.4 - 10.8

### Specific Gravity
- 1.24 - 1.29

### pH
- No information available

### Viscosity (cps)
- No information available

### Solubility (ies)
- No information available

### Water solubility
- No information available

### Evaporation Rate
- No information available

### Vapor pressure
- No information available

### Vapor density
- No information available

### Wt. % Solids
- 45 - 55

### Vol. % Solids
- 30 - 40

### Wt. % Volatiles
- 45 - 55

### Vol. % Volatiles
- 60 - 70

### VOC Regulatory Limit (g/L)
- < 50

### Boiling Point (°F)
- 212

### Boiling Point (°C)
- 100

### Freezing Point (°F)
- 32

### Freezing Point (°C)
- 0

### Flash Point (°F)
- Not applicable

### Flash Point (°C)
- Not applicable

### Method
- Not applicable

### Flammability (solid, gas)
- Not applicable

### Upper flammability limit:
- Not applicable

### Lower flammability limit:
- Not applicable

### Autoignition Temperature (°F)
- No information available

### Autoignition Temperature (°C)
- No information available

### Decomposition Temperature (°F)
- No information available

### Decomposition Temperature (°C)
- No information available

### Partition coefficient
- 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.
Possibility of hazardous reactions  None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

**Information on likely routes of exposure**

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

**Acute Toxicity**

**Product Information**  No information available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**  No information available

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

**Eye contact**  May cause slight irritation.

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

**Sensitization**  No information available

**Neurological Effects**  No information available.

**Mutagenic Effects**  No information available.

**Reproductive Effects**  No information available.

**Developmental Effects**  No information available.

**Target organ effects**  No information available.

**STOT - single exposure**  No information available.

**STOT - repeated exposure**  No information available.

**Other adverse effects**  No information available.

**Aspiration Hazard**  No information available

### Numerical measures of toxicity

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

### Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium C14-C16 olefin sulfonate 68439-57-6</td>
<td>= 2310 mg/kg ( Rat )</td>
<td>= 6300 mg/kg ( Rabbit )</td>
<td>-</td>
</tr>
</tbody>
</table>

**Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

### Legend

IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
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
No information available.

Mobility in Environmental Media
No information available.

Ozone
No information available

Component Information

Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT
Not regulated
15. REGULATORY INFORMATION

International Inventories

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

Federal Regulations

SARA 311/312 hazardous categorization

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

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

US State Regulations

California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm– www.P65warnings.ca.gov

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diatomaceous earth</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Legend
X - Listed

16. OTHER INFORMATION
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
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

Revision Date: 19-Apr-2019
Revision Summary Not available

Disclaimer
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END OF SAFETY DATA SHEET