SAFETY DATA SHEET

Issuing Date  15-April-2015  Revision Date  2-Sept-15  Revision Number  1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS Product Identifier
Product Name:  Professional Grade Concrete Sealer

Other Means of Identification
Product Code(s):  H4000, H4100
SKU#:  153-1750, 153-1751
Synonyms  None

Recommended Use of the Chemical and Restrictions on Use
Recommended Use:  No information available.
Uses Advised Against:  No information available

Manufacturer’s Details
Manufacturer Address  ThorWorks Industries, Inc.
2520 S. Campbell St.
Sandusky, OH 44870
www.sealbest.com
1-800-326-1994

Emergency Telephone Number  Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification
Acute Oral Toxicity  Category 4

GHS Label Elements, Including Precautionary Statements

Emergency Overview

Signal Word
● Warning
  ● Harmful if swallowed

Appearance:  Cloudy white, dries clear  Physical State:  Liquid  Odor:  Mild

Precautionary Statements
Prevention  ● Wash face, hands, and any exposed skin thoroughly after handling.
  ● Do not eat, drink, or smoke when using this product.

General Advice  ● None

Ingestion  ● If SWALLOWED; Call a POISON CENTER or doctor/physician if you feel unwell.
  ● Rinse mouth
Storage  ● None
Disposal  ● Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)
Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Polymer</td>
<td>Proprietary</td>
<td>30-60</td>
<td>*</td>
</tr>
<tr>
<td>2-Butoxy ethanol</td>
<td>111-76-2</td>
<td>0-5</td>
<td>*</td>
</tr>
<tr>
<td>Proprietary Thickener</td>
<td>Proprietary</td>
<td>0-5</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

**Description of Necessary First-Aid Measures**

**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**
Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions, see a physician.

**Inhalation**
Move to fresh air. If symptoms persist, call a physician.

**Ingestion**
Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Most Important Symptoms/Effects, Acute and Delayed**
No information available

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary**
No information available

**Notes to Physician**
Treat Symptomatically. May cause sensitization by skin contact.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

**Unsuitable Extinguishing Media**
None

**Specific Hazards Arising from the Chemical**
No information available

**Explosion Data**
- Sensitivity to Mechanical Impact: None
- Sensitivity to Static Discharge: None

**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.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures**

**Personal Precautions:**
Use personal protective equipment.

**Environmental Precautions:**
See Section 12 for additional Ecological Information. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**Methods and Materials for Containment and Cleaning Up**

**Methods for Containment:**
Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:**
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

**Precautions for Safe Handling**
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Storage:**
Keep container tightly closed

**Incompatible Products:**
Strong oxidizing agents. Strong Bases.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters
Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>20 ppm</td>
<td>TWA: 15 mg/m³</td>
<td>TWA: 5 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 15 mg/m³</td>
<td>TWA 24 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls
Engineering Measures:
- Showers
- Eyewash Stations
- Ventilation Systems

Individual Protection Measures, such as Personal Protective Equipment
Eye/Face Protection: If splashes are likely to occur, wear: Safety glasses with side shields.
Skin and Body Protection: Impervious gloves.
Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures:
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Odor: Mild</th>
<th>Odor Threshold: No Information Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100° C</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Specific Density</td>
<td>1.02 @ 77 F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Easily dispersible</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammable Properties</td>
<td>Not Flammable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity: No data available
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: Incompatible products.
Hazardous Decomposition Products: Carbon Monoxide (CO), Carbon Dioxide (CO²), and unburned hydrocarbons (smoke)

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Product Information
- Inhalation: May cause irritation of respiratory tract.
- Eye Contact: Contact with eyes may cause irritation.
- Skin Contact: May cause irritation.
- Ingestion: Harmful if swallowed.
### Chemical Name

<table>
<thead>
<tr>
<th></th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LD50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>745 mg/kg (Rat)</td>
<td>1250 mg/kg (Rat)</td>
<td>550 ppm/4 hr. (Rat)</td>
</tr>
</tbody>
</table>

#### Symptoms Related to the Physical, Chemical, and Toxicological Characteristics

**Symptoms:** No information available.

**Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure**

- **Sensitization:** No information available.
- **Mutagenic Effects:** No information available.
- **Carcinogenicity:** No information available.

**ACGIH:** (American Conference of Governmental Industrial Hygienists)
**IRAC:** (International Agency for Research on Cancer)
**NTP:** (National Toxicity Program)
**OSHA:** (Occupational Safety & Health Administration)

**Reproductive Toxicity:** No information available.

**STOT - Single Exposure:** No information available.

**STOT – Repeated Exposure:** No information available.

**Aspiration Hazard:** No information available.

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae (Water Flea)</th>
<th>Toxicity to Fish (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>EC50 72h: 911 mg/L (Pseudokirchneriella subcapitata)</td>
<td>LC50 96 h: 1474 mg/L static (Onchorhynchus mykiss)</td>
</tr>
<tr>
<td></td>
<td>EC50 48h: = 1800 mg/L (Daphnia magna)</td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability:** No information available.

**Bioaccumulation**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>0.83</td>
</tr>
</tbody>
</table>

**Other Adverse Effects:** No information available.

#### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging:** Do not re-use empty containers.

#### 14. TRANSPORTATION INFORMATION

**DOT:** Not regulated

#### 15. REGULATORY INFORMATION

**International Inventories**
- **TSCA – Complies**
- **DSL/NDSL – Complies**

**Legend**
- **TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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:
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>SARA 313 – Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>111-76-2</td>
<td>0-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

Clean Water Act
This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations
California Proposition 65:

None

U.S. State Right-To-Know Regulations
“X” designates that the ingredients are listed on the state right to know list.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard: 1</th>
<th>Flammability: 0</th>
<th>Instability: 0</th>
<th>Physical and Chemical Hazards-Personal Protection: X</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazard: 1</td>
<td>Flammability: 0</td>
<td>Physical Hazard: 0</td>
<td></td>
</tr>
</tbody>
</table>

Revision Date: 2-Sept-15
Revision Note: Supersedes 15-April-2015

General Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.