Safety Data Sheet according to OSHA-GHS
(29 CFR part 1910.1200 HCS 2012)

PRODUCT NAME: Level-Right® FeatherEdge

Product Code: 
Date of Issue: March 2017
Supersedes: May 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Level-Right® FeatherEdge
Recommended uses: Patching compound
Restrictions on uses: Workers should be informed of the potential presence of respirable dust and respirable Crystalline Silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

Supplier: Maxxon Corporation
920 Hamel Road PO Box 253
Hamel, MN 55340

Company Telephone/Fax: (763) 478-9600 / (763) 478-2431
Emergency Telephone Number: (800) 424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

Physical Hazards: Not classified
Health Hazards:
Skin irritation Category 2
Serious eye damage Category 1
Sensitization, skin Category 1
Carcinogenicity Category 1A
Specific target organ toxicity, single exposure Category 3 respiratory tract irritation
Specific target organ toxicity, repeated exposure Category 1 (lung)

Environmental Hazards:
Hazardous to the aquatic environment, long-term hazard Category 3
OSHA defined Hazards: Not classified
GHS Label Elements: 
Hazard Pictograms

Signal word: Danger

Hazard Statement
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. May cause cancer. Causes damage to organs (lung) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.
2. HAZARDS IDENTIFICATION (CONTINUED)

Precautionary statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. After mixing with water, do not allow prolonged contact with skin until the product has completely hardened and cooled.

Response: If swallowed: Rinse mouth. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see Section 4 of the SDS).

Storage: Store in a well-ventilated place. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS). Protect from moisture.

Disposal: Dispose of contents/container in accordance with applicable regulations.

Hazard(s) not otherwise classified (HNOC): Heat develops as product hardens. May cause serious burns during hardening (rehydration) resulting in possible permanent injury.

Supplemental information: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium oxide</td>
<td>1305-78-8</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
</tr>
<tr>
<td>Portland cement</td>
<td>65997-15-1</td>
</tr>
<tr>
<td>Silica, Amorphous</td>
<td>7631-86-9</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)*</td>
<td>14808-60-7</td>
</tr>
<tr>
<td>Iron Oxide</td>
<td>1309-37-1</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
</tr>
<tr>
<td>Calcium Sulfate Hemihydrate</td>
<td>10034-76-1</td>
</tr>
<tr>
<td>Sodium Oxide (Na2O)</td>
<td>1313-59-3</td>
</tr>
<tr>
<td>Sulfur trioxide</td>
<td>7446-11-9</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

*Other components below reportable levels

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Composition comments:
Calcium Sulfate, Portland Cement, and fly ash contain naturally occurring Crystalline Silica (Quartz), which is listed as a lung carcinogen. This product also contains Titanium Dioxide, which is listed as a possible lung carcinogen. See Section 8 for exposure information, and Section 11 for toxicological information.
4. **FIRST AID MEASURES**

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**Eye Contact:** Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Get medical attention if you feel unwell.

**Most important symptoms and effects, both acute and delayed:** Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dust may irritate the respiratory tract, skin and eyes. Coughing. Discomfort in the chest. Shortness of breath. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. Skin contact during hardening (rehydration) may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.

**Indication of any immediate medical attention and special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information:** IF exposed or concerned: Get medical advice/attention. If you feel unwell seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this Safety Data Sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. **FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon Dioxide (CO₂).

**Unsuitable material:** None known.

**Specific hazards arising from the chemical:** During fire, gasses hazardous to health may form.

**Special protective equipment and precautions for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions:** Move containers from fire area if you can do so without risk.

**Specific Methods:** Use standard firefighting procedures, and consider the hazards of other involved materials.

**General fire hazards:** No unusual fire or explosion hazards noted.

6. **ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Use a NIOSH/MSHA approved respirator.
6. ACCIDENTAL RELEASE MEASURES (CONTINUED)

if there is a risk of exposure to dust/fumes at levels exceeding the exposure limits. Do not touch
damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate
ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal
protection, see Section 8 of the SDS.

Methods and materials for containment and cleaning up: Sweep up or gather material and place in
appropriate container for disposal. Minimize dust generation and accumulation. If sweeping of a
contaminated area is necessary use a dust suppressant agent which does not react with the product.
Contain the spill, then place in a suitable container. For waste disposal, see Section 13 of the SDS.
Prevent entry into waterways, sewer, basements or confined areas.

Environmental precautions: Avoid release into the environment. Avoid discharge into drains, water
courses or onto the ground. If large quantities enter a waterway, advise local authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Obtain special instructions before use. Do not handle until all safety precautions have been read and
understood. Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at
places where dust is formed. Do not breathe dust. Do not taste or swallow. Avoid contact with eyes, skin,
and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be
handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands
thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store in a dry place. Store in original tightly closed container. Store in a well-ventilated place. Store
away from incompatible materials (see Section 10 of the SDS). Keep away from food, drink and animal
feeding stuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous Silica (CAS 7631-86-9)</td>
<td>TWA</td>
<td>4 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum Oxide (CAS 1344-28-1)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>15 mg/m³</td>
</tr>
</tbody>
</table>
### US OSHA Table Z-1: Limits for Air Contaminants (29 CFR 1910.1000)
(Cont.)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Oxide (CAS 1305-78-8)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Portland Cement (CAS 65997-15-1)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Crystal Silica (Quartz) (CAS 14808-60-7)</td>
<td>PEL</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Iron Oxide (CAS 1309-37-1)</td>
<td>PEL</td>
<td>10 mg/m³</td>
<td>Fume</td>
</tr>
<tr>
<td>Magnesium Oxide (CAS 1309-48-4)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total particulate</td>
</tr>
<tr>
<td>Calcium Sulfate Hemihydrate (CAS 10101-41-4)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust</td>
</tr>
</tbody>
</table>

### US ACGIH Threshold Limit Values: Time Weighted Average (TWA): mg/m³, non-standard units

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Calcium Oxide (CAS 1305-78-8)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Portland Cement (CAS 65997-15-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Crystal Silica (Quartz)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Iron Oxide (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>Magnesium Oxide (CAS 1309-48-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Inhalable fraction</td>
</tr>
</tbody>
</table>
# Safety Data Sheet according to OSHA-GHS
(29 CFR part 1910.1200 HCS 2012)

**PRODUCT NAME:** Level-Right® FeatherEdge  
**Product Code:**  
**Date of Issue:** March 2017  
**Supersedes:** May 2015

## 8. EXPOSURE CONTROLS/PERSOAL PROTECTION (CONTINUED)

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Hemihydrate</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Inhalable fraction</td>
</tr>
<tr>
<td>CAS 10101-41-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**US ACGIH Threshold Limit Values:** Time Weighted Average (TWA): mg/m³, non-standard units

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>CAS 13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**US NIOSH: Pocket Guide to Chemical Hazards**

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable</td>
</tr>
<tr>
<td>CAS 1344-28-1</td>
<td></td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>Calcium Oxide</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>CAS 1305-78-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portland Cement</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable</td>
</tr>
<tr>
<td>CAS 65997-15-1</td>
<td></td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)*</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Respirable dust</td>
</tr>
<tr>
<td>CAS 14808-60-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iron Oxide</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust and fume</td>
</tr>
<tr>
<td>CAS 1309-37-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous Silica</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td></td>
</tr>
<tr>
<td>CAS 7631-86-9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**Exposure Guidelines:** Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Exposure limits for Amorphous, including natural diatomaceous earth, The US OSHA exposure limits 8 hour TWA for Amorphous, including natural diatomaceous earth is calculated from the following equations: \(80/(%\text{SiO}_2)\) mg/m³.

**Appropriate engineering controls:** When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits. Use wet methods, if appropriate, to reduce the generation of dust.

**Individual protection measures, such as personal protective equipment**

**Eye/Face protection:** Wear safety glasses with side shields (or goggles). Ensure compliance with OSHA’s PPE standard (29 CFR 1910.132 and .133) for eye and face protection. Safety shower/eye wash fountain must be readily available in the workplace area (29 CFR 1910.151(c)).

**Skin protection**

**Hand protection:** Wear appropriate chemical resistant gloves.
Other: Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Ensure compliance with OSHA’s PPE standards (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain is recommended in the workplace area (29 CFR 1910.151(c)).

Respiratory protection: A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance
- Physical state: Solid
- Form: Powder
- Color: Off-White to slightly Tan
- Odor: Not Available
- Odor Threshold: Not Available
- pH value: 10 - 12
- Melting point / freezing point: 3077.11 °F (1691.73 °C) estimated
- Boiling temperature / boiling range: 4806.08 °F (2652.27 °C) estimated
- Flash point: Not Available
- Evaporation rate: Not Available
- Flammability (solid, gas): Not Available
- Upper/Lower flammability or explosive limits
  - Flammability limit - lower %: Not Available
  - Flammability limit - upper %: Not Available
  - Explosive limit - lower %: Not Available
  - Explosive limit - upper %: Not Available
- Vapor pressure: Not Available
- Vapor density: Not Available
- Relative density: Not Available
- Solubility(ies), (water): Not Available
- Partition coefficient (n-octanol / water): Not Available
- Auto Ignition Temperature (AIT): Not Available
- Decomposition Temperature: Not Available
- Viscosity: Not Available
Safety Data Sheet according to OSHA-GHS
(29 CFR part 1910.1200 HCS 2012)

PRODUCT NAME: Level-Right® FeatherEdge
Product Code: 
Date of Issue: March 2017 
Supersedes: May 2015

9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

Other information:
Explosive properties: Not Explosive
Oxidizing properties: Not Oxidizing

10. STABILITY AND REACTIVITY

Reactivity: Reacts with water (normal condition of use).
Chemical stability: Material is stable under normal conditions.
Possibility of hazardous reactions: Not expected under conditions of normal use.
Conditions to avoid: Contact with incompatible materials. Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air).
Incompatible materials: Acids.
Hazardous decomposition products: May include, and are not limited to: Calcium Oxide and Sulfur Dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Inhalation: May cause damage to organs through prolonged or repeated exposure by inhalation. Dust may irritate respiratory system.
Skin contact: Causes skin irritation. May cause an allergic skin reaction. Skin contact during hardening (rehydration) may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous prolonged contact with skin. Handling can cause dry skin.
Eye Contact: Causes serious eye damage.
Ingestion: May be harmful if swallowed. May cause irritation of the gastrointestinal tract.

Symptoms related to the physical, chemical and toxicological characteristics: Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes. Coughing. Discomfort in the chest. Shortness of breath. Skin irritation. May cause redness and pain. May cause an allergic skin reaction, dermatitis, rash. Skin contact during hardening (rehydration) may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.

Information on toxicological effects
Acute toxicity:

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>23674 mg/m³ estimated</td>
</tr>
</tbody>
</table>

LEVEL-RIGHT FEATHEREDGE Acute Dermal LD50
### 11. TOXICOLOGICAL INFORMATION (CONTINUED)

#### Information on toxicological effects (Continued)

#### Acute toxicity:

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>32500 mg/L, 4 hours estimated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 mg/L, 1 hour estimated</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2616 mg/kg, estimated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Oxide (CAS 1309-37-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 10,000 mg/kg</td>
</tr>
<tr>
<td>Magnesium Oxide (CAS 1309-48-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>3,870 mg/kg</td>
</tr>
<tr>
<td>Silica, Amorphous (CAS 7631-86-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 2 mg/L</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>&gt; 15,000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&gt; 22,500 mg/kg</td>
</tr>
<tr>
<td>Calcium Sulfate Hemihydrate (CAS 10034-76-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 1,581 mg/kg</td>
</tr>
<tr>
<td>Sulfur Trioxide (CAS 7446-11-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>0.51 mg/L</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>3.43 - 6.8 mg/L</td>
</tr>
<tr>
<td>Oral Solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5,000 mg/kg</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION (CONTINUED)

*Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation:** Causes skin irritation. Skin contact during hardening (rehydration) may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin

**Serious eye damage/eye irritation:** Causes serious eye damage.

**Respiratory or skin sensitization**

- **Respiratory sensitization:** Not a respiratory sensitizer.
- **Skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:**

Respirable Titanium Dioxide from occupational sources has been classified by IARC as a possible lung carcinogen to humans. Human Studies do not suggest an association between occupational exposure to Titanium Dioxide and an increased risk for cancer. Evidence showed that high concentrations caused respiratory tract cancer in rats exposed by inhalation and intratracheal instillation.

Sulfur Trioxide has not been classified for carcinogenic effects. However, IARC concluded that occupational exposure to strong inorganic mists containing Sulfuric Acid, formed from Sulfur Trioxide reacted with water, is carcinogenic to humans. The ACGIH has classified strong inorganic acid mist containing Sulfuric Acid as a suspected human carcinogen. Exposure to inorganic acid mist (Sulfuric Acid mist) in this product will not occur because inorganic acid is not generated under normal conditions of use of this material.

Exposure to respirable Crystalline Silica in the form of Quartz or Cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable Crystalline Silica has been known to cause Silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to a respirable Silica dust, the risk of contracting Silicosis and the severity of the disease is clearly related to the amount of respirable Crystalline Silica exposure and the length of time (usually years) of exposure.

**IARC Monographs, Overall Evaluation of Carcinogenicity**

- **Crystalline Silica (Quartz)** (CAS 14808-60-7)
  - 1C - Carcinogenic to humans
- **Iron Oxide** (CAS 1309-37-1)
  - 3C - Not classifiable as to carcinogenicity to humans
- **Amorphous Silica** (CAS 7631-86-9)
  - 3C - Not classifiable as to carcinogenicity to humans
- **Titanium Dioxide** (CAS 13463-67-7)
  - 2B - Possibly carcinogenic to humans


- Not Regulated

**US. National Toxicology Program (NTP) Report on Carcinogens**

- **Crystalline Silica (Quartz)** (CAS 14808-60-7)
  - Known to be human carcinogen.

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.
11. TOXICOLOGICAL INFORMATION (CONTINUED)

Specific target organ toxicity - single exposure: May cause respiratory irritation
Specific target organ toxicity - repeated exposure: Causes damage to organs (lung) through
prolonged or repeated exposure.
Aspiration hazard: Not an aspiration hazard.
Chronic effects: Causes damage to organs through prolonged or repeated exposure. Prolonged
inhaled inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEVEL-RIGHT FEATHEREDGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium Oxide (CAS 1305-78-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td>Chronic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>LC50</td>
<td>Invertebrates</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)* (CAS 14808-60-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Zebra Danio (Danio Rerio)</td>
</tr>
<tr>
<td>Silica, Amorphous (CAS 7631-86-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Calcium Sulfate Hemihydrate (CAS 10034-76-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION (CONTINUED)

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfur Trioxide (CAS 7446-11-9)</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16 - 28 mg/L, 96 hours</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water Flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 1,000 mg/L, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Mummichog (Fundulus heteroclitus)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 1,000 mg/L, 96 hours</td>
</tr>
</tbody>
</table>

*Estimates for product may be based on additional component data not shown.

**Persistence and degradability:** No data is available on the degradability of this product.

**Bioaccumulative potential:** No data is available.

**Mobility in soil:** No data is available.

**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

**Disposal instructions:** Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

**Local disposal regulations:** Dispose in accordance with all applicable regulations.

**Hazardous waste code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues/unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORATION INFORMATION

**DOT:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**IMDG:** Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available.
15. REGULATORY INFORMATION

US Federal regulations
This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Sulfur Trioxide (CAS 7446-11-9) 100 lbs

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard Categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Reportable Quantity</th>
<th>Threshold Planning Quantity</th>
<th>Threshold Ping Qty Lower value</th>
<th>Threshold Ping Qty Upper value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfur Trioxide</td>
<td>7446-11-9</td>
<td>100</td>
<td>100 lbs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Chemical: Yes

SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>5-10</td>
</tr>
</tbody>
</table>

Other federal regulations

Clean Air ACT (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated

Clean Air ACT (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Sulfur Trioxide (CAS 7466-11-9)

SAFE Drinking Water Act (SDWA): Not regulated

US State Regulations

US. California. Candidate Chemical List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3 subd. (a))

- Aluminum Oxide (CAS 1344-28-1)
- Crystalline Silica (Quartz) (CAS 14808-60-7)
- Titanium Dioxide (CAS 13463-67-7)
US. California Proposition 65

**WARNING:** This product can expose you to chemicals including Crystalline Silica (Quartz), which is known to the State of California to cause cancer, and Methyl Alcohol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**
- Crystalline Silica (Quartz) (CAS 14808-60-7) Listed: October 1, 1988
- Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011

**US – California Proposition 65 – CRT: Listed date/Developmental toxin**
- Methyl Alcohol (CAS 67-56-1) Listed: March 16, 2012

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>US &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).**

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Product List:** Maxxon Level-Right® FeatherEdge

**Issue Date:** May 2015

**Version #:** 03

**Revision Date:** March 17, 2017

**Prepared by:** Maxxon Corporation

**HMIS® ratings:**
- Health: 3
- Flammability: 0
- Physical hazard: 1

**NFPA ratings:**
- Health: 3
- Flammability: 0
- Instability: 1

0=Minimal  1=Slight  2=Moderate  3=Serious  4=Severe  *=Chronic

**Disclaimer:**
This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered...
for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision Information:
This document has undergone significant changes and should be reviewed in its entirety.