SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name: Flap Wheels

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Manufacturing

1.3. Details of the supplier of the safety data sheet
Weiler Corporation
1 Weiler Drive
Cresco, PA 18326

1.4. Emergency telephone number
Emergency number: 570-595-7495

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
This product as manufactured is defined as an article per 29 CFR 1910.1200. No exposure hazards are anticipated during normal product handling conditions. In most cases, the material(s) removed from the workpiece may present a greater hazard than material released by the product. Based upon the materials that are contained within the working portion of this product it is possible that some dust particles from this product may be generated. The following safety data is presented for potential exposure hazards associated with the dust particles that are related to this product.

Classification (GHS-US)
Not classified

2.2. Label elements
GHS-US labeling
This product as manufactured is defined as an article, therefore no labeling is required for the product as manufactured.

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fastcut resin cloth A</td>
<td>None</td>
<td>45 - 55</td>
<td>Not classified</td>
</tr>
<tr>
<td>Trisodium hexafluoroaluminate</td>
<td>(CAS No) 15096-52-3</td>
<td>1 - 15</td>
<td>Acute Tox. 4 (Inhalation), H332 STOT RE 1, H372 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Silica</td>
<td>(CAS No) 7631-86-9</td>
<td>&lt; 2</td>
<td>Not classified</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>(CAS No) 50-00-0</td>
<td>&lt; 0.1</td>
<td>Carc 1B, H350 Acute Toxin 3, H301 Acute Toxin 3, H311 Acute Toxin 3, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.

First-aid measures after skin contact: Wash with soap and water. Seek medical advice if skin irritation develops or persists.
First aid measures after eye contact: Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

First aid measures after ingestion: Seek medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation: May cause respiratory irritation.
- Symptoms/injuries after skin contact: Dusts may cause abrasions.
- Symptoms/injuries after eye contact: May cause slight irritation.
- Symptoms/injuries after ingestion: None under normal use.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media: Water, Carbon Dioxide, Foam, Dry Chemical
- Unsuitable extinguishing media: None.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard: None known.
- Explosion hazard: None known.

#### 5.3. Advice for firefighters

- Protection during firefighting: Firefighters should wear full protective gear.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel: No additional information available
- For emergency responders: No additional information available

#### 6.2. Environmental precautions

None.

#### 6.3. Methods and material for containment and cleaning up

- For containment: No special measures required.
- Methods for cleaning up: No special measures required.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling: Normal precautions should be taken for nuisance dust and particulates generated during grinding which will be principally from the workpiece rather than the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions: No special storage conditions required.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>IDLH</th>
<th>US IDLH (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Trisodium hexafluoroaluminate</strong></td>
<td></td>
<td>3000 mg/m³</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

**Silica (7631-86-9)**

IDLH: US IDLH (mg/m³) 3000 mg/m³
8.2. Exposure controls

Appropriate engineering controls:
Utilize adequate ventilation to minimize the exposure to airborne particulates and maintain the concentration of contaminants below the occupational exposure limits.

Respiratory Protection:
When exposure limits are exceeded or when the dust concentrations are excessive, approved respirators for those conditions should be used. When selecting the respiratory protection equipment, consideration of the exposure to the coating or the base materials being worked on should be included. Local regulations and standards should be followed where appropriate. The type of respiratory equipment used should be selected according to the contaminant type, form and concentration being produced. Select and use respirators in accordance with applicable regulations and good industrial hygiene practice.

Hand protection:
The use of cloth or leather gloves is recommended.

Eye Protection:
Safety goggles or face shield over safety glasses with side shields.

Hearing Protection:
Hearing protection may be required.

Skin and body protection:
The use of protective clothing should be used as needed to prevent the contamination of personal clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions
Will not occur.

10.4. Conditions to avoid
None.

10.5. Incompatible materials
None.

10.6. Hazardous decomposition products
Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

Trisodium hexafluoroaluminate (15096-52-3)
LD50 oral rat: > 5 g/kg

Formaldehyde (50-00-0)
LD50 oral rat: 50 g/kg
LD50 dermal rabbit: 250 mg/kg
LC50 inhalation rat: 0.578 mg/l/4h
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Silica (7631-86-9)
LC50 fish 1: 5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1: 7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)

No additional information available
12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Silica (7631-86-9)</th>
<th>BCF fish 1</th>
<th>(no bioaccumulation expected)</th>
</tr>
</thead>
</table>

No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on ozone layer: No additional information available
Effect on the global warming: No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations: Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not a dangerous good as defined in transport regulations

SECTION 15: Regulatory information

15.1. US Federal regulations

| Trisodium hexafluoroaluminate (15096-52-3) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Silica (7631-86-9) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |

15.2. US State regulations

<table>
<thead>
<tr>
<th>Silica (7631-86-9)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significant risk level (NSRL)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formaldehyde (50-00-0)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significant risk level (NSRL)</td>
</tr>
</tbody>
</table>

| Silica (7631-86-9) | U.S. - Massachusetts - Right To Know List | U.S. - Minnesota - Hazardous Substance List | U.S. - New Jersey - Right to Know Hazardous Substance List | U.S. - Pennsylvania - RTK (Right to Know) List |

| Trisodium hexafluoroaluminate (15096-52-3) | U.S. - New Jersey - Right to Know Hazardous Substance List |
**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>Full text of H-phrases:</th>
<th>Acute toxicity (inhalation) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Specific target organ toxicity (repeated exposure) Category 1</td>
</tr>
<tr>
<td>STOT RE 1</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H332</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H317</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H341</td>
<td>May cause an allergic skin reaction</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.