This SDS packet was issued with item: 070884510

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070883496 070884460 070884478 070884486 070884494 070884502 070885202 078587159 078587175 078587191
078587217 078587225
Tactile Guard Nitrile

SECTION 1: Identification

Product identifier
Product name: Tactile Guard Nitrile
Product code: 070883496, 070884460, 070884478, 070884486, 070884494, 070884502, 070884510, 070885202 078587159 078587225 078587175 078587191 078587217

Recommended use of the product and restriction on use
Relevant identified uses: Examination Gloves
Uses advised against: Not determined or not applicable.
Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details
Manufacturer:
Supplier
Patterson Companies, Inc.
1031 Mendota Heights Road
St. Paul, MN 55120
1-800-328-5536 Fax:1-651-686-9331

Emergency telephone number:
United States
CHEMTREC
Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)
Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

SECTION 2: Hazard(s) identification

GHS classification: Not a hazardous substance or mixture
Label elements
Hazard pictograms: None
Signal word: None
Hazard statements: None
Precautionary statements: None
Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Identification</th>
<th>Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: N/A</td>
<td>Organic Accelerators</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>
Tactile Guard Nitrile

<table>
<thead>
<tr>
<th>CAS number: 7704-34-9</th>
<th>Sulfur</th>
<th>&lt;10</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 1314-13-2</td>
<td>Zinc oxide</td>
<td>&lt;10</td>
</tr>
<tr>
<td>CAS number: 1310-58-3</td>
<td>Potassium hydroxide</td>
<td>&lt;10</td>
</tr>
<tr>
<td>CAS number: 9005-98-5</td>
<td>Rubber, nitrile</td>
<td>90</td>
</tr>
<tr>
<td>CAS number: 13463-67-7</td>
<td>Titanium oxide</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:
Not determined or not applicable.

After inhalation:
Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell

After skin contact:
Rinse affected area with soap and water
If symptoms develop or persist, seek medical attention

After eye contact:
Rinse/flush exposed eye(s) gently using water for 15-20 minutes
If symptoms develop or persist, seek medical attention

After swallowing:
Rinse mouth thoroughly
Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:
Not determined or not applicable.

Delayed symptoms and effects:
Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:
Not determined or not applicable.

Notes for the doctor:
Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:
Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:
Tactile Guard Nitrile

Not determined or not applicable.

Specific hazards during fire-fighting:
Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:
Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:
Not determined or not applicable.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation
Ensure air handling systems are operational
Wear protective eye wear, gloves and clothing

Environmental precautions:
Should not be released into the environment
Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:
Wear protective eye wear, gloves and clothing
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)
Dispose of contents / container in accordance with local regulations

Reference to other sections:
Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:
Use only with adequate ventilation.
Avoid breathing mist or vapor.
Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:
Keep container tightly sealed.
Protect from freezing and physical damage.
Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

<table>
<thead>
<tr>
<th>Country (Legal Basis)</th>
<th>Substance</th>
<th>Identifier</th>
<th>Permissible concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>ACGIH TLV C 2.0 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>ACGIH TLV TWA 2.0 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>ACGIH TLV TWA 10.0 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Titanium oxide</td>
<td>13463-67-7</td>
<td>ACGIH TLV TWA 10.0 mg/m³</td>
</tr>
<tr>
<td>United States (OSHA)</td>
<td>Titanium oxide</td>
<td>13463-67-7</td>
<td>OSHA PEL TWA 15 mg/m³ (Total dust)</td>
</tr>
<tr>
<td></td>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>OSHA PEL TWA 5 mg/m³ (Fume)</td>
</tr>
</tbody>
</table>
Biological limit values:
No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:
Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment
Eye and face protection:
Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:
Select glove material impermeable and resistant to the substance.
Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:
Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of work.
Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Blue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Initial boiling point/range</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Flash point (closed cup)</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined or not available.</td>
</tr>
</tbody>
</table>
Safety Data Sheet


Initial preparation date: 11.28.2017

Tactile Guard Nitrile

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Upper flammability/explosive limit</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Lower flammability/explosive limit</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Density</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Solubilities</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Auto/Self-ignition temperature</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not determined or not available.</td>
</tr>
</tbody>
</table>

Other information

SECTION 10: Stability and reactivity

Reactivity:
- Does not react under normal conditions of use and storage.

Chemical stability:
- Stable under normal conditions of use and storage.

Possibility of hazardous reactions:
- None under normal conditions of use and storage.

Conditions to avoid:
- None known.

Incompatible materials:
- None known.

Hazardous decomposition products:
- None known.

SECTION 11: Toxicological information

Acute toxicity
- Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>oral</td>
<td>LD50 - Rat - 333 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
- Assessment: Based on available data, the classification criteria are not met.

Product data:
- No data available.

Substance data:
Tactile Guard Nitrile

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfur</td>
<td>Irritating to the skin.</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
</tbody>
</table>

**Serious eye damage/irritation**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Respiratory or skin sensitization**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Carcinogenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium oxide</td>
<td></td>
<td>Airborne, unbound particles of respirable size are known to cause cancer.</td>
</tr>
</tbody>
</table>

**International Agency for Research on Cancer (IARC):**

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium oxide</td>
<td>Group 2B - Possibly carcinogenic to humans</td>
</tr>
</tbody>
</table>

**National Toxicology Program (NTP):** None of the ingredients are listed.

**Germ cell mutagenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Reproductive toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Specific target organ toxicity (single exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Specific target organ toxicity (repeated exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Aspiration toxicity**
Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: No data available.

Other information: No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity
Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>Oncorhynchus mykiss (rainbow trout) - 1.1 mg/l - 96.0 h</td>
</tr>
<tr>
<td></td>
<td>Daphnia magna (Water flea) - 0.098 mg/l - 48 h</td>
</tr>
</tbody>
</table>

Chronic (long-term) toxicity
Product data: No data available.

Substance data: No data available.

Persistence and degradability
Product data: No data available.

Substance data: No data available.

Bioaccumulative potential
Product data: No data available.

Substance data: No data available.

Mobility in soil
Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:
It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

<table>
<thead>
<tr>
<th>UN number</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN transport hazard class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None</td>
</tr>
</tbody>
</table>
Tactile Guard Nitrile

**International Maritime Dangerous Goods (IMDG)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>Not regulated</td>
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<td>Environmental hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None</td>
</tr>
</tbody>
</table>

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

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<table>
<thead>
<tr>
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<tbody>
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<td>Environmental hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None</td>
</tr>
</tbody>
</table>

**SECTION 15: Regulatory information**

**United States regulations**

**Inventory listing (TSCA):**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9005-98-5</td>
<td>Rubber, nitrile</td>
</tr>
<tr>
<td>7704-34-9</td>
<td>Sulfur</td>
</tr>
<tr>
<td>1314-13-2</td>
<td>Zinc oxide</td>
</tr>
<tr>
<td>N/A</td>
<td>Organic Accelerators</td>
</tr>
<tr>
<td>1310-58-3</td>
<td>Potassium hydroxide</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium oxide</td>
</tr>
</tbody>
</table>

**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.

**SARA Section 313 toxic chemicals:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9005-98-5</td>
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<td>Sulfur</td>
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<tr>
<td>1314-13-2</td>
<td>Zinc oxide</td>
</tr>
<tr>
<td>N/A</td>
<td>Organic Accelerators</td>
</tr>
</tbody>
</table>

**CERCLA:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1310-58-3</td>
<td>Potassium hydroxide</td>
</tr>
</tbody>
</table>

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

**Massachusetts Right to Know:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9005-98-5</td>
<td>Rubber, nitrile</td>
</tr>
</tbody>
</table>
Tactile Guard Nitrile

7704-34-9  Sulfur  Not Listed
1314-13-2  Zinc oxide  Listed
N/A  Organic Accelerators  Not Listed

New Jersey Right to Know:

9005-98-5  Rubber, nitrile  Not Listed
7704-34-9  Sulfur  Not Listed
1314-13-2  Zinc oxide  Listed
N/A  Organic Accelerators  Not Listed

New York Right to Know:

9005-98-5  Rubber, nitrile  Not Listed
7704-34-9  Sulfur  Not Listed
1314-13-2  Zinc oxide  Listed
N/A  Organic Accelerators  Not Listed

Pennsylvania Right to Know:

9005-98-5  Rubber, nitrile  Not Listed
7704-34-9  Sulfur  Listed
1314-13-2  Zinc oxide  Listed
N/A  Organic Accelerators  Not Listed

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

13463-67-7  Titanium oxide

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:
This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered 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 materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0-0
HMIS: 0-0-0-0
Initial preparation date: 11.28.2017

End of Safety Data Sheet