SAFETY DATA SHEET

1. Identification

Product identifier PHOXBOND

Other means of identification

Brand Code 2546, 652A

Recommended use For Industrial or Professional Use Only

Recommended restrictions Avoid dry cutting, blasting, or dust generation.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name HarbisonWalker International
Address 1305 Cherrington Parkway, Suite 100
Moon Township
Pennsylvania
15108
US

Telephone General Phone: 412-375-6600
Website www.thinkHWI.com

Emergency phone number Not available.

Supplier Not available.

2. Hazard identification

Physical hazards Not classified.

Health hazards Serious eye damage/eye irritation Category 1
Carcinogenicity Category 1A

Environmental hazards Not classified.

Label elements

<table>
<thead>
<tr>
<th>Signal word</th>
<th>Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard statement</td>
<td>Causes serious eye damage. May cause cancer.</td>
</tr>
<tr>
<td>Precautionary statement</td>
<td></td>
</tr>
<tr>
<td>Prevention</td>
<td>Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>Response</td>
<td>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.</td>
</tr>
<tr>
<td>Storage</td>
<td>Store away from incompatible materials.</td>
</tr>
<tr>
<td>Disposal</td>
<td>Dispose of contents/container in accordance with local/regional/national/international regulations.</td>
</tr>
<tr>
<td>Other hazards</td>
<td>None known.</td>
</tr>
<tr>
<td>Supplemental information</td>
<td>None.</td>
</tr>
</tbody>
</table>

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA</td>
<td></td>
<td>1344-28-1</td>
<td>60 - 80</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S.</td>
<td></td>
<td>13530-50-2</td>
<td>10 - 25</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED</td>
<td></td>
<td>69012-64-2</td>
<td>2.5 - 10</td>
</tr>
</tbody>
</table>
### Chemical name
- **Silica, amorphous, fumed**
- **Titanium Dioxide**
- **Ferric Oxide**
- **Silica, crystalline, cristobalite**

### Common name and synonyms
- Fumed Silica, Silica, crystalline free
- Titanium Dioxide
- Ferric Oxide
- Silica, crystalline, cristobalite

### CAS number
- 7631-86-9
- 13463-67-7
- 1309-37-1
- 14464-46-1

### %
- 2.5 - 10
- 2.5 - 10
- 1 - 2.5
- 0.1 - 2.5

### Other components below reportable levels
- 2.5 - 10

Crystalline silica may be present at low concentrations; most of this is encapsulated in the coarse aggregate or as part of the clays or sands.

### 4. First-aid measures

#### Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.

#### Skin contact
Wash off with soap and water. Get medical attention if irritation develops and persists.

#### Eye contact
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
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

#### Most important symptoms/effects, acute and delayed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### 5. Fire-fighting measures

#### Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

#### Unsuitable extinguishing media
Not available.

#### Specific hazards arising from the chemical
Not applicable.

#### Special protective equipment and precautions for firefighters
Not available.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures
Wear appropriate protective equipment and clothing during clean-up.

#### Methods and materials for containment and cleaning up
For waste disposal, see section 13 of the SDS.

#### Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

### 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. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not get this material in contact with eyes. Avoid prolonged exposure. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

#### Conditions for safe storage, including any incompatibilities
Store in tightly closed container.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>
US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>STEL</td>
<td>10 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Total dust.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>4 mg/m3</td>
<td>Total.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>4 mg/m3</td>
<td>Total fume.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>1.5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>1.5 mg/m3</td>
<td>Respirable fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>
### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>0.05 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Total dust.</td>
</tr>
<tr>
<td>ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>FERRIC OXIDE (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Total dust.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>6 mg/m3</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Respirable dust and/or fume.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>0.05 mg/m3</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

**No biological exposure limits noted for the ingredient(s).**

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

**Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.**

**Wear safety glasses with side shields (or goggles) and a face shield.**
Skin protection
  Hand protection
    Wear appropriate chemical resistant gloves.
Other
  Wear suitable protective clothing. Use of an impervious apron is recommended.
Respiratory protection
  Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
Thermal hazards
  Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
  Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing 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

Appearance
  Physical state
    Solid.
  Form
    Solid.
  Color
    Not available.
Odor
  Not available.
Odor threshold
  Not available.
pH
  Not available.
Melting point/freezing point
  Not available.
Initial boiling point and boiling range
  Not available.
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)
  Solubility (water)
    Not available.
Partition coefficient (n-octanol/water)
  Not available.
Auto-ignition temperature
  Not available.
Decomposition temperature
  Not available.
Viscosity
  Not available.
Other information
  Explosive properties
    Not explosive.
  Oxidizing properties
    Not oxidizing.

10. Stability and reactivity

Reactivity
  The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability
  Material is stable under normal conditions.
Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Contact with incompatible materials.

Incompatible materials
Acids. Chlorine.
Incompatibility is based strictly upon potential theoretical reactions between chemicals and may not be specific to industrial application exposure.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

**Inhalation**
- Prolonged inhalation may be harmful.

**Skin contact**
- No adverse effects due to skin contact are expected.

**Eye contact**
- Causes serious eye damage.

**Ingestion**
- Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

**Severe eye irritation.** Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

**Acute toxicity**
- Not known.

**Skin corrosion/irritation**
- Prolonged skin contact may cause temporary irritation.

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

**Respiratory or skin sensitization**

**Canada - Alberta OELs: Irritant**
- ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2)
- SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)
- Titanium Dioxide (CAS 13463-67-7)

**Respiratory sensitization**
- Not a respiratory sensitizer.

**Skin sensitization**
- This product is not expected to cause skin sensitization.

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

**Carcinogenicity**
- In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

**ACGIH Carcinogens**
- ALPHA-ALUMINA (CAS 1344-28-1) A4 Not classifiable as a human carcinogen.
- FERRIC OXIDE (CAS 1309-37-1) A4 Not classifiable as a human carcinogen.
- Titanium Dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.
Canada - Alberta OELs: Carcinogen category
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1) Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity
ALPHA-ALUMINA (CAS 1344-28-1) Not classifiable as a human carcinogen.
ALUMINUM, WATER SOLUBLE SALTS, N.O.S. (CAS 13530-50-2) Not classifiable as a human carcinogen.
FERRIC OXIDE (CAS 1309-37-1) Not classifiable as a human carcinogen.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1) Suspected human carcinogen.
Titanium Dioxide (CAS 13463-67-7) Not classifiable as a human carcinogen.

Canada - Quebec OELs: Carcinogen category
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1) Detected carcinogenic effect in animals.
IARC Monographs. Overall Evaluation of Carcinogenicity
FERRIC OXIDE (CAS 1309-37-1) 3 Not classifiable as to carcinogenicity to humans.
SILICA, AMORPHOUS, FUMED (CAS 69012-64-2) 3 Not classifiable as to carcinogenicity to humans.
SILICA, AMORPHOUS, FUMED (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1) 1 Carcinogenic to humans.
Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1) Known To Be Human Carcinogen.
Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not an aspiration hazard.

Chronic effects
Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability
No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential
No data available.

Mobility in soil
No data 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
This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). 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.

Hazardous waste code
Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

Waste from residues / unused products
Not available.

Contaminated packaging
Not available.

14. Transport information

TDG
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.
IMDG
Not regulated as dangerous goods.

Transport in bulk according to Not applicable.
Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

Canadian regulations
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act
Not regulated.

Export Control List (CEPA 1999, Schedule 3)
Not listed.

Greenhouse Gases
Not listed.

Precursor Control Regulations
Not regulated.

International regulations
Stockholm Convention
Not applicable.

Rotterdam Convention
Not applicable.

Kyoto protocol
Not applicable.

Montreal Protocol
Not applicable.

Basel Convention
Not applicable.

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>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &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).

16. Other information

Issue date       08-23-2019
Version #        01

Disclaimer       This information is based on our present knowledge on creation date. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.