Section 1: Identification

Product identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Synonyms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper (Uncoated / Coated)</td>
<td>Anthem Plus®; ArborWeb®; ArborWeb Plus®; Blazer Digital®; Ideal®; Influence®; Influence Soft-Gloss®; Liberty®; New Era Matte®; OptiLabel™; OptiLabel™ Dairy; OptiLabel™ HB; OptiLitho™ C1S; Productolith Pts. Digital®; Productolith® Pts.; Sterling® Ultra; Sterling® Premium; Sterling® Premium Digital™; Sterling® Ultra C1S; Sterling®; TrueJet® Book; UniSil®</td>
</tr>
</tbody>
</table>

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Used to produce printing and writing papers, specialty papers, such as labels and packaging, and other products

Details of the supplier of the safety data sheet

Manufacturer Billerud Americas Corporation
8540 Gander Creek Drive
Miamisburg, OH 45342
United States
www.billerud.com
CustomerRequests@billerud.com
877-855-7243

Emergency telephone number

Manufacturer • 1-800-424-9300 - (24 Hour) Chemtrec Customer No.: CCN212201

Section 2: Hazard Identification

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • This product as received is not hazardous under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200) in the form in which it is shipped but may become hazardous as a result of downstream activities such as cutting. Combustible Dust

Label elements

OSHA HCS 2012

WARNING
Hazard • May form combustible dust concentrations in air.
Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use.

Canada

According to: WHMIS 2015

Classification of the substance or mixture

WHMIS 2015 • Combustible Dusts 1

Label elements

WHMIS 2015

WARNING

Hazard statements • May form combustible dust concentrations in air.

Precautionary statements

Other hazards

WHMIS 2015 • Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

Other information

• As an article this material does not legally require an SDS.

Section 3 - Composition/Information on Ingredients

Substances

• Material does not meet the criteria of a substance.

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose</td>
<td>65996-61-4</td>
<td>50 – 99</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>0 – 31.5</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>0 – 25</td>
</tr>
<tr>
<td>Calcined kaolin clay</td>
<td>92704-41-1</td>
<td>0 – 25</td>
</tr>
<tr>
<td>Modified Starch / Unmodified Starch</td>
<td>NDA</td>
<td>0 – 10</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzenesulfonic acid, 2,2’-(1,2-ethenediyl)bis(5-(4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt</td>
<td>13463-67-7</td>
<td>0 – 5</td>
</tr>
<tr>
<td>2,2’-Stilbenedisulfonic acid, 4,4’-bis(4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt</td>
<td>16470-24-9</td>
<td>0 – 1</td>
</tr>
<tr>
<td>Crystalline silica</td>
<td>14808-60-7</td>
<td>0 – 0.7</td>
</tr>
<tr>
<td>2,2’-Stilbenedisulfonic acid, 4,4’-bis(4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt</td>
<td>41098-56-0</td>
<td>0 – 0.5</td>
</tr>
<tr>
<td>Other</td>
<td>4193-55-9</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation • Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin • Wash skin with soap and water.
Eye • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion • Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed  • Under normal conditions of use, no health effects are expected. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media

• LARGE FIRE: Water spray, fog or regular foam.
• SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media • No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous Combustion Products • No data available

Advice for firefighters • Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Ventilate the area if excessive dust is present. Use appropriate Personal Protective Equipment (PPE)

Emergency Procedures • Use normal clean up procedures. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions • Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Avoid generating dust.

Use clean nonsparking tools to collect material.

Carefully shovel or sweep up spilled material and place in suitable container.

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Use good safety and industrial hygiene practices. Use only with adequate ventilation. Keep away from heat, sparks, and flame. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions,
such as electrical grounding and bonding, or inert atmospheres. Eating, drinking and smoking should be prohibited in areas where pulp or paper dust has accumulated or is handled, stored and processed.

**Conditions for safe storage, including any incompatibilities**

**Storage**  • Direct sunlight. Water sources. Heat, hot surfaces, sparks, open flames, and other ignition sources.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Exposure Limits/Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Result</strong></td>
<td><strong>ACGIH</strong></td>
</tr>
<tr>
<td>Kaolin (1332-58-7)</td>
<td>TWAs 2 mg/m³ TWA (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable particulate matter)</td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>TWAs 10 mg/m³ TWA</td>
</tr>
<tr>
<td>Limestone (1317-65-3)</td>
<td>TWAs Not established</td>
</tr>
<tr>
<td>Crystalline silica</td>
<td>TWAs 0.025 mg/m³ TWA (respirable particulate matter)</td>
</tr>
</tbody>
</table>

**Exposure Limits Supplemental**

**OSHA**  • Crystalline silica (14808-60-7): **Mineral Dusts**: (250)/(%SiO₂ + 5) mppcf TWA, respirable fraction; (10)/(%SiO₂ + 2) mg/m³ TWA, respirable fraction

### Exposure controls

**Engineering Measures/Controls**  • Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Use only appropriately classified electrical equipment.

**Personal Protective Equipment**

**Respiratory**  • For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**  • If operating conditions cause high dust concentrations to be produced, use dust goggles.

**Skin/Body**  • None required under normal conditions of use.

**Environmental Exposure Controls**  • Follow best practice for site management and disposal of waste.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Form</strong></td>
<td>Solid</td>
<td>White</td>
<td>Odorless</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>White</td>
<td>Odor</td>
<td>Odorless</td>
</tr>
</tbody>
</table>
Section 10: Stability and Reactivity

Reactivity
• No dangerous reaction known under conditions of normal use.

Chemical stability
• Stable under normal temperatures and pressures.

Possibility of hazardous reactions
• Hazardous polymerization will not occur. Hazardous polymerization not indicated.

Conditions to avoid
• Avoid generating dust. Keep away from heat, sparks and flame.

Incompatible materials
• None known.

Hazardous decomposition products
• Combustion products include carbon monoxide, carbon dioxide and fine particulate in the form of smoke.

Section 11 - Toxicological Information

Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012\No data available</td>
</tr>
<tr>
<td></td>
<td>WHMIS 2015\No data available</td>
</tr>
</tbody>
</table>
Potential Health Effects

Inhalation
Acute (Immediate) • Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.
Chronic (Delayed) • No data available

Skin
Acute (Immediate) • Under normal conditions of use, no health effects are expected.
Chronic (Delayed) • No data available

Eye
Acute (Immediate) • Under normal conditions of use, no health effects are expected. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.
Chronic (Delayed) • No data available

Ingestion
Acute (Immediate) • Under normal conditions of use, no health effects are expected.
Chronic (Delayed) • No data available

Carcinogenic Effects • Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

<table>
<thead>
<tr>
<th>Carcinogenic Effects</th>
<th>CAS</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1,3-dichloro-</td>
<td>96-23-1</td>
<td>Not Listed</td>
<td>Group 2B-Possible Carcinogen</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Crystalline silica</td>
<td>14808-60-7</td>
<td>Not Listed</td>
<td>Group 1-Carcinogenic</td>
<td>Known Human Carcinogen</td>
</tr>
<tr>
<td>Crystalline silica as Silica, crystalline (general form)</td>
<td>NDA</td>
<td>Specifically Regulated Carcinogen</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>Not Listed</td>
<td>Group 2B-Possible Carcinogen</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

Toxicity

* Non-mandatory section - information about this substance not compiled.

Persistence and degradability

* Non-mandatory section - information about this substance not compiled.
Bioaccumulative potential
• Non-mandatory section - information about this substance not compiled.

Mobility in Soil
• Non-mandatory section - information about this substance not compiled.

Other adverse effects
• Non-mandatory section - information about this substance not compiled.

Section 13 - Disposal Considerations

Waste treatment methods
Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>NDA</td>
</tr>
</tbody>
</table>

Special precautions for user
• None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6- (diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt</td>
<td>41098-56-0</td>
<td>Yes</td>
</tr>
<tr>
<td>2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt</td>
<td>4193-55-9</td>
<td>Yes</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 2,2'-(1,2-ethenediy1)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt</td>
<td>16470-24-9</td>
<td>Yes</td>
</tr>
<tr>
<td>Calcined kaolin clay</td>
<td>92704-41-1</td>
<td>Yes</td>
</tr>
<tr>
<td>Cellulose</td>
<td>65996-61-4</td>
<td>Yes</td>
</tr>
<tr>
<td>Crystalline silica</td>
<td>14808-60-7</td>
<td>Yes</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>Yes</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>Yes</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

- Kaolin 1332-58-7  D2A
- Cellulose 65996-61-4  Not Listed

- Titanium dioxide 13463-67-7  Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.

- Limestone 1317-65-3  D2A
- Calcined kaolin clay 92704-41-1  Not Listed

- Crystalline silica 14808-60-7  Not Listed

- Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetradsodium salt 16470-24-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexadsodium salt 41098-56-0  Not Listed

Canada - WHMIS 1988 - Ingredient Disclosure List

- Kaolin 1332-58-7  Not Listed
- Cellulose 65996-61-4  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Limestone 1317-65-3  Not Listed
- Calcined kaolin clay 92704-41-1  Not Listed
- Crystalline silica 14808-60-7  1%
- Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetradsodium salt 16470-24-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexadsodium salt 41098-56-0  Not Listed

Environment

Canada - CEPA - Priority Substances List

- Kaolin 1332-58-7  Not Listed
- Cellulose 65996-61-4  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Limestone 1317-65-3  Not Listed
- Calcined kaolin clay 92704-41-1  Not Listed
- Crystalline silica 14808-60-7  Not Listed
- Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetradsodium salt 16470-24-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9  Not Listed
- 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexadsodium salt 41098-56-0  Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

- Kaolin 1332-58-7  Not Listed
- Cellulose 65996-61-4  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Limestone 1317-65-3  Not Listed
• Calcined kaolin clay 92704-41-1 Not Listed
• Crystalline silica 14808-60-7 Not Listed
• Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt 16470-24-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt 41098-56-0 Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Kaolin 1332-58-7 Not Listed
• Cellulose 65996-61-4 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Limestone 1317-65-3 Not Listed
• Calcined kaolin clay 92704-41-1 Not Listed
• Crystalline silica 14808-60-7 Not Listed
• Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt 16470-24-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt 41098-56-0 Not Listed

**Environment**

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Kaolin 1332-58-7 Not Listed
• Cellulose 65996-61-4 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Limestone 1317-65-3 Not Listed
• Calcined kaolin clay 92704-41-1 Not Listed
• Crystalline silica 14808-60-7 Not Listed
• Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt 16470-24-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt 41098-56-0 Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Kaolin 1332-58-7 Not Listed
• Cellulose 65996-61-4 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Limestone 1317-65-3 Not Listed
• Calcined kaolin clay 92704-41-1 Not Listed
• Crystalline silica 14808-60-7 Not Listed
• Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt 16470-24-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt 41098-56-0 Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Kaolin 1332-58-7 Not Listed
• Cellulose 65996-61-4 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Limestone 1317-65-3 Not Listed
• Calcined kaolin clay 92704-41-1 Not Listed
• Crystalline silica 14808-60-7 Not Listed
• Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt 16470-24-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt 4193-55-9 Not Listed
• 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt 41098-56-0 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

• Kaolin 1332-58-7 Not Listed
• Cellulose 65996-61-4 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Limestone
• Calcined kaolin clay
• Crystalline silica
• Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
• Kaolin
• Cellulose
• Titanium dioxide
• Limestone
• Calcined kaolin clay
• Crystalline silica
• Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt

U.S. - CERCLA/SARA - Section 313 - Emission Reporting
• Kaolin
• Cellulose
• Titanium dioxide
• Limestone
• Calcined kaolin clay
• Crystalline silica
• Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
• Kaolin
• Cellulose
• Titanium dioxide
• Limestone
• Calcined kaolin clay
• Crystalline silica
• Benzenesulfonic acid, 2,2’-(1,2-ethenediy)bis(5-((4-(bis(2-hydroxyethyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino)-, disodium salt
• 2,2’-Stilbenedisulfonic acid, 4,4’-bis((4-(2,5-disulfoanilino)-6-(diethylamino)-s-triazin-2-yl)amino)-, hexasodium salt

Section 16 - Other Information

Revision Date  • 08/May/2020
Last Revision Date  • 14/February/2020
Preparation Date  • 06/December/2018
Disclaimer/Statement of Liability  • To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Key to abbreviations
NDA = No Data Available
Paper (Uncoated / Coated)

Contains: Cellulose 50% TO 99%; Limestone 0% TO 31.5%; Crystalline silica 0% TO 0.7%; Calcined kaolin clay 0% TO 25%; Kaolin 0% TO 25%; Modified Starch / Unmodified Starch 0% TO 10%; Titanium dioxide 0% TO 5%; imPress FP200 Ultra 0% TO 5%; Halogenated Hydrocarbon 0% TO 0.025%; Organic Compound 0% TO 0.025%; 2-Propanol, 1,3-dichloro- 0% TO 0.02%; Benzenesulfonic acid, 2,2'-(1,2-ethenediybis(5-((4-(bis(2-hydroxyethyl)amino)-6-(4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)), tetrasodium salt 0% TO 1%; 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-bis(2-hydroxyethyl)amino-s-triazin-2-yl)amino), disodium salt 0% TO 0.5%; 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-(2,5-disulfonilino)-6-(diethylamino)-s-triazin-2-yl)amino), hexasodium salt 0% TO 1%; Benzene, 1-((diiodomethyl)sulfonyl)-4-methyl- 0% TO 0.0206%; Propylene glycol 0.0039%; Calcium salt of polymerized arylalkyl-sulfonic acids 0.0008%; Glycols, polyethylene-polypropylene 0.0008%; Other <5%

According to OSHA 29 CFR 1910.1200 HCS

WARNING

May form combustible dust concentrations in air.

OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Safety Data Sheets do not apply to the product(s) described in this document. This product is excluded from this regulation as an article.

Refer to SDS for more information.

Billerud Americas Corporation, 8540 Gander Creek Drive, Miamisburg, OH 45342 United States
Emergency: 1-800-424-9300 - (24 Hour) Chemtrec Customer No.: CCN212201; General Information: 877-855-7243