HAZARDS IDENTIFICATION

Emergency Overview
The hazards of this product are associated mainly with its processing. High concentrations of dust can irritate eyes, nose and respiratory system and cause coughing and sneezing. Continual rubbing of fibre particulates and dust on the skin can cause a transitory, mild irritation with redness or itching.

Physical and chemical properties
- Form: Nonwoven fabric, woven fabric, fibres, yarn
- Color: white, pigmented
- Odor: none
- Melting point/range: Not applicable
- Density: 1.38 g/cm³
- Specific gravity: 1.38
- Water solubility: insoluble
- Viscosity: no data available
- Viscosity, kinematic: no data available

Stability and reactivity
- Conditions to avoid: Temperature > 200 °C (> 392 °F)
  Heating can release hazardous gases.
- Incompatibility: Strong acids and strong bases
- Hazardous decomposition products: Carbon monoxide, Nitrogen oxides (NOx), Hydrogen cyanide (hydrocyanic acid)
INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meta-aramid fiber or meta-aramid fiber blended with para-aramid, antistatic or other synthetic fibers</td>
<td></td>
<td>100 %</td>
</tr>
</tbody>
</table>

Exposure limits may be applicable for the following:

| Meta-aramid | 25765-47-3 |
| Para-aramid | 26125-61-1 |

FIRST AID MEASURES

Description of first aid measures

General advice: No hazards which require special first aid measures. If symptoms persist, call a physician. If irritation occurs, flush area thoroughly with water.

FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the article

Specific hazards during firefighting: Hazardous decomposition products formed under fire conditions.

Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
**ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Personal precautions: None.

Environmental precautions:

Environmental precautions: Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Methods for cleaning up: Avoid dust formation. Clean up dusts and fibres with high efficiency particulate air (HEPA) filtered vacuum equipment, or by wet cleaning.

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**HANDLING AND STORAGE**

**Precautions for safe handling**

Advice on safe handling: Avoid dust formation.

Do not touch moving threadlines. Entanglement with this fibre can severely cut or even sever fingers.

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

Requirements for storage areas and containers: Keep away from direct sunlight.

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**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls**

Ensure adequate ventilation.
Recirculated air should be filtered to remove respirable dust.
Provide for appropriate exhaust ventilation and dust collection at machinery.

**Personal protective equipment**

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
**NOMEX® Meta-aramid**

Version 5.0

**Eye protection**

- Safety glasses with side-shields

**Exposure Guidelines**

**Exposure Limit Values**

<table>
<thead>
<tr>
<th></th>
<th>AEL * (DuPont)</th>
<th>Limit Value</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Meta-aramid</strong></td>
<td>10 mg/m³</td>
<td>8 hr. TWA</td>
<td></td>
</tr>
<tr>
<td><strong>Para-aramid</strong></td>
<td>5 mg/m³</td>
<td>8 &amp; 12 hr. TWA</td>
<td></td>
</tr>
</tbody>
</table>

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

**DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

- Can be landfilled or incinerated, when in compliance with local regulations. Do not flush into surface water or sanitary sewer system.

**REGULATORY INFORMATION**

**TSCA (US) Status**

Product is an article as defined at 40CFR720.3(c) and is not subject to TSCA Inventory requirements.

**California Prop. 65**

This product does not contain any substances requiring a warning under the Safe Drinking Water and Toxic Enforcement Act.

**OTHER INFORMATION**

**Restrictions on use**

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.
Further information
It is recommended that additional information be requested if an unusual application of synthetic fibres is intended.
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