

Preparation Date: --

Revision Date: July 12, 2018

Version: 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Forta-Fi

**Recommended Use** Asphalt reinforcement

**Producer** FORTA Corporation  
 100 Forta Drive  
 Grove City, PA 16127  
 Phone: 1-800-245-0306

**Emergency Number** Phone: 1-800-245-0306  
 Fax: 724-458-5221

## 2. HAZARDS IDENTIFICATION

**Emergency Overview** May cause slight irritation to the respiratory system. Leave area to breathe fresh air. If symptoms persist, get medical attention

**Inhalation** May cause slight irritation to the respiratory system.

**Skin Contact** Not applicable under normal conditions of use.

**Eye Contact** May cause mechanical irritation or abrasion.

**Ingestion** Not an expected route of entry.

**Aggravated Medical Conditions** Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects** No known effects anticipated

| HMIS (United States) |   |
|----------------------|---|
| Health               | 1 |
| Flammability         | 0 |
| Reactivity           | 0 |
| PPE                  |   |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Name       | CAS#        | % by Weight |
|------------|-------------|-------------|
| Polyolefin | 308070-21-5 |             |
| Aramid     | 308069-56-9 |             |

#### 4. FIRST AID MEASURES

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | <ul style="list-style-type: none"><li>• Leave area to breathe fresh air.</li><li>• Avoid further overexposure.</li><li>• If symptoms persist, get medical attention.</li></ul> |
| <b>Skin Contact</b> | <ul style="list-style-type: none"><li>• No known applicable information.</li></ul>   |
| <b>Eye Contact</b>  | <ul style="list-style-type: none"><li>• Flush with water for 15 minutes.</li><li>• If irritation persists, get medical attention.</li></ul>                                    |
| <b>Ingestion</b>    | <ul style="list-style-type: none"><li>• Not applicable under normal conditions of use.</li></ul>   |

#### 5. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| <b>Flash Point</b>                      | 600°F (316°C)  |
| <b>Flash Point Method</b>               | None   |
| <b>Auto Ignition Temperature</b>        | None   |
| <b>Burning Rate</b>                     | None   |
| <b>Fire and Explosion Hazard</b>        | None   |
| <b>Firefighting Equipment</b>           | <ul style="list-style-type: none"><li>• Use dry chemicals</li><li>• carbon dioxide (CO<sub>2</sub>)</li><li>• foam</li></ul> |
| <b>Hazardous Products of Combustion</b> | Carbon monoxide and other organics when burning.   |

#### 6. ACCIDENTAL RELEASE MEASURES

|                            |      |
|----------------------------|------|
| <b>Small Spill or Leak</b> | None |
| <b>Large Spill or Leak</b> | None |

#### 7. HANDLING AND STORAGE

|                             |   |
|-----------------------------|---|
| <b>Handling Precautions</b> | None  |
| <b>Storage Requirements</b> | No specific storage is required, use any dry container. |

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                             |   |
|-----------------------------|---|
| <b>Engineering Measures</b> | Not required under normal conditions of use.  |
| <b>Protective Equipment</b> | Respirators – Wear NIOSH/MSHA approved dust respirator when the fiber concentration exceeds the exposure limits.<br>Protective Gloves – Not required but good industrial practice.<br>Eye Protection – Glasses or Goggles<br>Protective Clothing – None |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |               |
|-------------------------------|---------------|
| <b>Appearance</b>             | Yellow fibers |
| <b>Physical State</b>         | Solid         |
| <b>Boiling Point</b>          | None          |
| <b>Odor</b>                   | Odorless      |
| <b>Freezing/Melting Point</b> | None          |
| <b>pH</b>                     | None          |
| <b>Solubility</b>             | None          |
| <b>Specific Gravity</b>       | 0.91/1.44     |

## 10. STABILITY AND REACTIVITY

|   |                                 |
|---|---------------------------------|
| <b>Stability</b>                            | This product is stable.         |
| <b>Conditions to Avoid</b>                  | None                            |
| <b>Materials to Avoid (incompatibility)</b> | Strong acids. Oxidizing agents. |

## 11. TOXICOLOGICAL INFORMATION

|                            |   |
|----------------------------|---|
| <b>Toxicity to Animals</b> | This product has not been tested for animal effects. This product is not expected to be toxic to animals. |
| <b>Toxicity to Humans</b>  | This product has not been tested for human effects. This product is not expected to be toxic to humans.   |

## 12. ECOTOXICOLOGICAL INFORMATION

|  |                              |
|--|------------------------------|
| <b>Ecotoxicity</b>                                       | Not expected to be ecotoxic. |
| <b>BODS and COD</b>                                      | None                         |
| <b>Biodegradable/OECD</b>                                | None                         |
| <b>Mobility</b>  | None                         |
| <b>Toxicity of the Products of Biodegradation</b>        | None                         |
| <b>Special Remarks on the Products of Biodegradation</b> | None                         |

## 13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Dispose of in accordance with Federal, State and local regulations.

## 14. TRANSPORT INFORMATION

|                          |  |
|--------------------------|--|
| <b>Restrictions</b>      | None                                     |
| <b>DOT Requirements</b>  | Not a DOT controlled material (USA).     |
| <b>ADR Requirements</b>  | Not an ADR controlled material (Europe). |
| <b>IMDG Requirements</b> | Not an IMDG controlled material.         |
| <b>IATA Requirements</b> | Not an IATA controlled material.         |
| <b>Marine Pollutant</b>  | Not a marine pollutant.                  |

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

| Chemical<br>( & CAS Number) | SARA 302<br>(EHS) Rq | SARA 304<br>(EHS) Rq | SARA 313<br>de minimis | CERCLA Rq | CAA 112(r) TQ | RCRA<br>Code |
|-----------------------------|----------------------|----------------------|------------------------|-----------|---------------|--------------|
| NONE                        |                      |                      |                        |           |               |              |

All quantities in pounds

|   |                              |
|---|------------------------------|
| <b>International Regulations DSL<br/>(Canada)</b> | None                         |
| <b>EINECS</b>                                     | None                         |
| <b>WHMIS</b>                                      | Not classified as hazardous. |

## 16. OTHER INFORMATION

|                    |                   |
|--------------------|-------------------|
| <b>Prepared By</b> | Forta Corporation |
| <b>Telephone</b>   | 1-800-245-0306    |
| <b>Website</b>     | www.Forta-Fi.com  |