Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier
Product Name: Macro Synthetic Polyolefin PP-PE Fibers for Concrete Reinforcement

Synonyms:
- Polyolefin Fibers for Concrete Reinforcement; PP/PE Fibers for Concrete Reinforcement
- Applicable brands and styles: Fibermesh® grades 650, 650S; Enduro® 600; Enduro® HPP; Novomesh® 950, Fibermesh®4Roads (FM4R), Enduro 700, Enduro HAR.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified use(s): Fibers for Concrete Reinforcement
Use(s) advised against: Other than intended by manufacturer

1.3 Details of the supplier of the safety data sheet
Manufacturer: Propex Operating Company, LLC
4019 Industry Drive
Chattanooga, TN 37416
United States
www.propexglobal.com
Telephone (General): 18006210444

Supplier: Propex Concrete Systems Ltd.
9 Royal Court
Basil Close Chesterfield S41 7SL
United Kingdom
Telephone (General): 441246564200

1.4 Emergency telephone number
Manufacturer: 18004249300 - North America
Manufacturer: 18005273887 - International

Section 2: Hazards Identification

EU/EEC

2.1 Classification of the substance or mixture
CLP: Not classified

2.2 Label Elements
Hazard statements: No label element(s) required

2.3 Other Hazards

CLP

- This material is exempt from CLP/REACH obligations as an article as specified in REACH (1907/2006) and related ECHA guidance.

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

UN GHS

- Not classified

2.2 Label elements

UN GHS

- No label element(s) required

2.3 Other hazards

UN GHS

- Under United Nations Globally Harmonized System for the Classification and Labeling of Hazardous Chemicals (GHS) this product is exempt from regulation as a manufactured article.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Not classified

2.2 Label elements

OSHA HCS 2012

- No label element(s) required

2.3 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

2.1 Classification of the substance or mixture

WHMIS

- Not classified

2.2 Label elements

WHMIS

- No label element(s) required

2.3 Other hazards

WHMIS

- 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.
## Section 3 Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance.

### 3.2 Mixtures

#### Composition

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>CAS:9003-07-0</td>
<td>80% TO 95%</td>
<td>NDA</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>CAS:9002-88-4</td>
<td>5% TO 19%</td>
<td>NDA</td>
</tr>
<tr>
<td>Lubricants: Fatty acids And/or Esters</td>
<td>NDA</td>
<td>0.1% TO 1%</td>
<td>NDA</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>CAS:1333-86-4 EC Number:215-609-9</td>
<td>&lt; 1%</td>
<td>On some pucked products only</td>
</tr>
</tbody>
</table>

## Section 4 First Aid Measures

### 4.1 Description of first aid measures

- **Inhalation**: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person 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**: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

- **Eye**: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

- **Ingestion**: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

- Under normal conditions of use, no health effects are expected.

### 4.3 Indication of any immediate medical attention and special treatment needed

- **Notes to Physician**: No specific actions or treatments recommended related to exposure to this material.

## Section 5 Firefighting Measures

### 5.1 Extinguishing media

- **Suitable Extinguishing Media**: Carbon dioxide, regular dry chemical, regular foam, water.

- **Unsuitable Extinguishing Media**: No data available.

### 5.2 Special hazards arising from the substance or mixture

- **Unusual Fire and Explosion Hazards**: Slight fire hazard.

- **Hazardous Combustion Products**: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

### 5.3 Advice for firefighters
Macro Synthetic Polyolefin PP-PE Fibers for Concrete Reinforcement

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. Move material from fire area if it can be done without risk.

## Section 6 Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions**  
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

**Emergency Procedures**  
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

### 6.2 Environmental precautions

- Keep out of drains and water sources.

### 6.3 Methods and material for containment and cleaning up

- Contain and remove by mechanical means.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 Handling and Storage

### 7.1 Precautions for safe handling

**Handling**  
- Use good safety and industrial hygiene practices.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage**  
- Store and handle in accordance with all current regulations and standards. Store product in a dry environment to avoid deterioration of packaging.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 Exposure Controls/Personal Protection

### 8.1 Control parameters

<table>
<thead>
<tr>
<th>Result</th>
<th>ACGIH</th>
<th>Australia</th>
<th>Belgium</th>
<th>Czech Republic</th>
<th>Denmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black (1333864)</td>
<td>TWAs 3 mg/m3 TWA (inhalable fraction)</td>
<td>3 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
<td>2.0 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
</tr>
<tr>
<td>Polyethylene (9002884)</td>
<td>TWAs Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>5 mg/m3 TWA (dust)</td>
<td>Not established</td>
</tr>
<tr>
<td>Polypropylene (9003070)</td>
<td>TWAs Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>5 mg/m3 TWA (dust)</td>
<td>Not established</td>
</tr>
</tbody>
</table>

### Exposure Limits/Guidelines (Con't)

<table>
<thead>
<tr>
<th>Result</th>
<th>Estonia</th>
<th>Finland</th>
<th>Greece</th>
<th>Iceland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black (1333864)</td>
<td>TWAs 3 mg/m3 TWA (dust)</td>
<td>3.5 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
</tr>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>7 mg/m3 STEL</td>
<td>Not established</td>
<td>7 mg/m3 STEL</td>
</tr>
<tr>
<td>Ceilings</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>7 mg/m3 Ceiling</td>
</tr>
</tbody>
</table>
### Exposure Limits/Guidelines (Con't)

<table>
<thead>
<tr>
<th>Result</th>
<th>Ireland</th>
<th>Israel</th>
<th>Latvia</th>
<th>Malaysia</th>
<th>New Zealand</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>3.5 mg/m3 TWA;</td>
<td>3 mg/m3 TWA (inhalable fraction)</td>
<td>Not established</td>
<td>3.5 mg/m3 TWA</td>
<td>3 mg/m3 TWA</td>
</tr>
<tr>
<td></td>
<td>0.1 mg/m3 TWA</td>
<td>(Carbon black in presence of Polycyclic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>aromatic hydrocarbons, as PAH)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STELs</td>
<td>7 mg/m3 STEL</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
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</table>

Polyethylene (9002884)

<table>
<thead>
<tr>
<th>Result</th>
<th>Ireland</th>
<th>Israel</th>
<th>Latvia</th>
<th>Malaysia</th>
<th>New Zealand</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>Not established</td>
<td>Not established</td>
<td>5 mg/m3 TWA (dust, listed</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>under Polymer dust)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td>5 mg/m3 TWA (dust, listed</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>under Polymer dust)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Polypropylene (9003070)

<table>
<thead>
<tr>
<th>Result</th>
<th>Ireland</th>
<th>Israel</th>
<th>Latvia</th>
<th>Malaysia</th>
<th>New Zealand</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>Not established</td>
<td>Not established</td>
<td></td>
<td>3.5 mg/m3 TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td></td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

### Exposure Limits/Guidelines (Con't)

<table>
<thead>
<tr>
<th>Result</th>
<th>NIOSH</th>
<th>Norway</th>
<th>OSHA</th>
<th>Poland</th>
<th>Portugal</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>3.5 mg/m3 TWA;</td>
<td>3.5 mg/m3 TWA</td>
<td>4.0 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
<td>3.5 mg/m3 TWA</td>
</tr>
<tr>
<td></td>
<td>0.1 mg/m3 TWA (Carbon black in presence Polycyclic aromatic hydrocarbons, as PAH)</td>
<td></td>
<td>[NDS] (applies to carbon black containing Benzo(a) pyrene &lt; 35 mg in 1 kg of carbon black, total inhalable dust)</td>
<td></td>
<td>[VLE-MP]</td>
</tr>
</tbody>
</table>

| STELs  | Not established | 7 mg/m3 STEL | Not established | Not established | 7 mg/m3 STEL |

### Exposure Limits Supplemental

**Portugal**
- Carbon Black (1333864): Carcinogens: (A4 - Not Classifiable as a Human Carcinogen)
- South Africa
- Carbon Black (1333864): Carcinogens: (Suspected Human Carcinogen)
- Germany DFG
- Carbon Black (1333864): Carcinogens: (Category 3B (could be carcinogenic for man, inhalable fraction))

### 8.2 Exposure controls

**Engineering**
- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

**Personal Protective Equipment**
- Respiratory: No respirator is required under normal conditions of use. If respirable dusts are generated, respirator protection may be needed.
- Eye/Face: None required; however, use of eye protection is good industrial practice.
- Skin/Body: Protective gloves are recommended for handling bags of fiber or loose fiber.

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

---

**Key to abbreviations**
- ACGIH = American Conference of Governmental Industrial Hygiene
- PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)
- LLV = Limit Level Value is the exposure limit for 8 hour work day
- STEL = Short Term Exposure Limits are based on 15-minute exposures
Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Colorless, light gray, or white.</th>
<th>Odor</th>
<th>Odor Threshold</th>
<th>NIL</th>
</tr>
</thead>
</table>

General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>= 0.9 Water=1</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>NIL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point/Freezing Point</td>
<td>160 C(320 F)</td>
</tr>
<tr>
<td>pH</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Negligible &lt; 0.1 %</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flash Point</td>
<td>383 C(721.4 F)</td>
</tr>
<tr>
<td>LEL</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition</td>
<td>404 C(759.2 F)</td>
</tr>
</tbody>
</table>

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- None identified.

10.5 Incompatible materials

- Oxidizing materials.
### 10.6 Hazardous decomposition products

- Thermal decomposition products of combustion: oxides of carbon.

### Section 11 - Toxicological Information

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory sensitization</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td></td>
<td>UN GHS • Not relevant</td>
</tr>
</tbody>
</table>

**Potential Health Effects**

**Inhalation**

- **Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.

- **Chronic (Delayed)**
  - Under normal conditions of use, no health effects are expected.
Macro Synthetic Polyolefin PP-PE Fiber for Concrete Reinforcement

Skin

**Acute (Immediate)**
- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**
- Under normal conditions of use, no health effects are expected.

Eye

**Acute (Immediate)**
- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**
- Under normal conditions of use, no health effects are expected.

Ingestion

**Acute (Immediate)**
- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**
- Under normal conditions of use, no health effects are expected.

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

<table>
<thead>
<tr>
<th>CAS</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1333864</td>
<td>Group 2B-Possible Carcinogen</td>
</tr>
</tbody>
</table>

11.2 Other information

- The toxicological properties have not been fully investigated. Polypropylene was tested in rats by subcutaneous implantation of discs or powder. Local sarcomas were induced at the site of implantation. Subcutaneous injections are not a normal route of exposure. All inorganic pigments, if present in of this product, are considered to be fully bound within the polymer matrix, and therefore, are not readily available under normal conditions.

Section 12 Ecological Information

12.1 Toxicity

- Propex has not conducted ecological testing on this material.

12.2 Persistence and degradability

- No data available

12.3 Bioaccumulative potential

- No data available

12.4 Mobility in Soil

- No data available

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 Disposal Considerations

13.1 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></th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
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<tr>
<td>IATA/ICAO</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- None specified.
- Not Applicable – Article.

Section 15 Regulatory Information

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

SARA Hazard Classifications • None

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
<th>TSCA</th>
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<tbody>
<tr>
<td>Polypropylene</td>
<td>9003070</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
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<td>Carbon Black</td>
<td>1333864</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002884</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Canada - WHMIS - Ingredient Disclosure List

- Carbon Black 1333864 1%
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

Environment

Canada - CEPA - Priority Substances List
- Carbon Black 1333864 Not Listed

Macro Synthetic Polyolefin PP-PE Fibers for Concrete Reinforcement

Preparation Date: 16/September/2014
Revision Date: 3/February/2017
### United States

#### Labor

**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

#### Environment

**U.S. - CAA (Clean Air Act) 1990 Hazardous Air Pollutants**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed
Environment

U.S. - California - Proposition 65 - Carcinogens List
- Carbon Black 1333864 carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

U.S. - California Proposition 65 Reproductive Toxicity Male
- Carbon Black 1333864 Not Listed
- Polyethylene 9002884 Not Listed
- Polypropylene 9003070 Not Listed

15.2 Chemical Safety Assessment
- Chemical Safety Assessment is not required.

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

Section 16 Other Information

Revision Date: 3/February/2017
Preparation Date: 16/September/2014

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Key to abbreviations

Format: EU CLP/REACH Language: English (US)