Polyester Fiber

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
Polyester Fiber

PRODUCT USE:
Widely used in carpet, curtain, stuffing in toys and spinning.

MANUFACTURER:
Suzhou Rizhongtian Chemical Fiber Co., Ltd.
299 Maopeng Road, Xukou Town, Wuzhong District,
Suzhou, China

FOR MORE INFORMATION CALL:
(Monday-Friday, 8:00 a.m. – 5:00 p.m.)
0086-0512-66217946

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene terephthalate</td>
<td>25038-59-9</td>
<td>&gt; 98</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

None toxic.

POTENTIAL HEALTH HAZARDS

SKIN: May cause mechanical irritation.
EYES: May cause mechanical irritation.
INHALATION: Not respirable in this form. Thermal processing of fiber may generate fumes and vapors which may cause irritation to the nose and throat. Dust should be considered as a nuisance dust.
INGESTION: Not a probable route of exposure.
DELAYED EFFECTS: None known.

Current Issue Date: June, 2016
MATERIAL SAFETY DATA SHEET

Polyester Fiber

4. FIRST AID MEASURES

SKIN: If irritation develops, wash affected area with soap and water. If discomfort continues, seek medical attention.

EYES: If irritation develops, flush eyes with running water for 15 minutes. If discomfort continues, seek medical attention.

INHALATION: If processing vapor occurs and irritation develops, remove person to fresh air. If discomfort persists, seek medical attention.

INGESTION: Not a probable route of exposure.

ADVICE TO PHYSICIAN: No specific advice. Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:
Not applicable

FLASH POINT METHOD:
Not applicable

AUTOIGNITION TEMPERATURE:
250° C

UPPER FLAME LIMIT (volume % in air):
Not applicable

LOWER FLAME LIMIT (volume % in air):
Not applicable

FLAME PROPAGATION RATE (solids):
Not determined

OSHA FLAMMABILITY CLASS:
Not applicable

EXTINGUISHING MEDIA:
All standard agents may be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:
Wear self-contained breathing apparatus meeting NIOSH standards. Avoid excessive inhalation of smoke or potential thermal decomposition products.

6. ACCIDENTAL RELEASE MEASURES

IN CASES OF SPILL OR OTHER RELEASE:
Sweep or vacuum and place in containers for disposal to an approved landfill or reuse.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

7. HANDLING AND STORAGE

NORMAL HANDLING:
All special handling requirements.

STORAGE RECOMMENDATIONS:
No special storage requirements.

Current Issue Date: June, 2016
8. EXPOSURE CONTROLS/PERSO NAL PROTECTION

ENGINEERING CONTROLS:
Mechanical ventilation should be used during processing to remove any dusts, mists or vapors which may be generated.

PERSONAL PROTECTIVE EQUIPMENT

SKIN PROTECTION:
Protect against potential physical hazards such as contact with yarn moving at high speed, etc.

EYE PROTECTION:
Safety glasses are recommended during processing.

RESPIRATORY PROTECTION:
None normally required. An approved dust respirator meeting 42 CFR Part 84 standards should be worn if dusty conditions exist.

ADDITIONAL RECOMMENDATIONS:
None required.

EXPOSURE GUIDELINES (Guidelines exist for the following ingredients.)

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>* No ingredients listed in this section *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* = Limit established by Performance Fibers, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>** = Workplace Environmental Exposure Level (AIHA).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*** = Biological Exposure Index (ACGIH).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:
Dust should be considered a nuisance dust:
ACGIH TLV: 10 mg/m³ total dust
OSHA PEL: 15 mg/m³ total dust; 5 mg/m³ respirable dust

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: BLACK
PHYSICAL STATE: Solid
MELTING POINT: 250°C
ODOR: No specific odor.
SOLUBILITY IN WATER (weight %): Insoluble

Current Issue Date: June, 2016
MATERIAL SAFETY DATA SHEET

Polyester Fiber

pH: Not applicable
BOILING POINT: Not determined
VAPOR PRESSURE: Not applicable
VAPOR DENSITY (air = 1.0): Not applicable
EVAPORATION RATE: Not applicable
% VOLATILES: Not applicable
FLASH POINT: Not determined

(Flash point method and additional flammability data are found in Section 5.)

10. STABILITY AND REACTIVITY

NORMALLY STABLE? (CONDITIONS TO AVOID):
Normally stable.

INCOMPATIBILITIES:
Tends to dissolve in caustic materials.

HAZARDOUS DECOMPOSITION PRODUCTS:
Decomposition does not occur under normal use conditions.

HAZARDOUS POLYMERIZATION:
Will not occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:
Not considered to cause irritant or allergic contact dermatitis based on testing results for skin irritation (rabbit), skin sensitization (guinea pig), and clinic evaluation using repeated insult patch test.

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:
Not available

OTHER DATA:
None.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded? No
If yes, the RCRA ID number is: Not applicable

Current Issue Date: June, 2016
14. TRANSPORT INFORMATION

US DOT PROPER SHIPPING NAME: Not regulated
US DOT HAZARD CLASS: Not applicable
US DOT ID NUMBER: Not regulated
IMDG: Not regulated

RID/ADR/AND: Not classified
UN Classification: Not classified

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA INVENTORY STATUS: Polymer is listed on the TSCA Inventory.
OTHER TSCA ISSUES: None

16. OTHER INFORMATION

CURRENT ISSUE DATE: June, 2016
PREVIOUS ISSUE DATE: April, 2016

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:

Change in format to match other PF information sheets.