Material Safety Data Sheet

September 25, 2013  V1W

Product Name: Kibiton  ®  PB-5903  PB-5910  PB-5925

1. COMPANY IDENTIFICATION

Company: Chi Mei Corporation
Address: 59-1, San Chia, Jen Te Village, Tainan County, Taiwan, ROC.
Information Phone No.: 886-6-2663000 Ext.1361 (Market & Business Development)
Emergency Phone No.: 886-6-2663000 Ext.1361 (Market & Business Development)
Fax No.: 886-6-2667981

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance or Preparation</th>
<th>Substance</th>
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<tbody>
<tr>
<td>Chemical Name</td>
<td>Styrene-Butadiene Copolymer</td>
</tr>
<tr>
<td>Formula</td>
<td>(C8H8,C4H6)x</td>
</tr>
<tr>
<td>CAS No.</td>
<td>9003-55-8</td>
</tr>
<tr>
<td>Impurities Contributing to Hazard</td>
<td>None</td>
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</tbody>
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3. HAZARD IDENTIFICATION

Most Important Hazards: None
Adverse Human Health Effects: None
Environmental Effects: None
Physical and Chemical Hazards: None

4. FIRST AID MEASURES

Inhalation: In case of gases evolving from melted resin, move subject to fresh air. Treat symptomatically.
Skin Contact: In case of pellets or powder, wash with water.
Eye Contact: In case of pellets or powder, flush with plenty of water for at least 15 minutes. Seek medical advice if any dust particles still remain.
Ingestion: Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Foam, dry chemical powder and Carbon dioxide
Special Fire-Fighting Procedure: Self contained breathing apparatus
Fire and Explosion Hazards: Smoke, carbon dioxide and hydrocarbon

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning up: Recovery if not contaminated or Disposal
Personal Precautions: Pellets or powder remained on ground may cause slipping
Environmental Precautions: Gather pellets and powder thoroughly to avoid birds or fishes taking from draining water.

7. HANDLING AND STORAGE

Handling: Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.
Storage: Keep the materials at a cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value: Not determined
Ventilation: Necessary to exclude dust, fumes and gases.
Personal Protection:
- Eye: Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
- Respiratory: Wear masks for cleaning molding machines.
- Gloves: Necessary for handling melted resin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear pellets
Melting Temperature: Start Softening above 150 °C
Solubility: Insoluble in water
Specific Gravity: 1.01

10. STABILITY AND REACTIVITY

Flammability: Yes
Flash Point: Not Applicable
Autoignition Temperature: Not Applicable
Reactivity with Water: No
Stability: Stable and non-reactive under normal handling and storage condition.
Thermal Decomposition Gases: SM and BD
Combustion Energy: $3.53 \times 10^7$ J/kg (8424 Kcal/kg)

11. HEALTH HAZARD DATA

Irritation: Fumes or vapors generated from decomposing resin may be irritant to eyes.
Acute oral toxicity (LD50): Not determined
Mutagenicity: Not determined

12. ECOLOGICAL INFORMATION

Put into containers for reclaiming or disposal.

13. DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.
Inadequate incineration may generate toxic gases such as CO and hydrocarbon.

14. TRANSPORT INFORMATION

Not classified

15. REGULATORY INFORMATION

Not available

16. OTHER INFORMATION

None