



## C-PAK PTE LTD

2304, Bedok Reservoir Road, #04-01, Dou Yee Building,  
Bedok Industrial Park C, Singapore 479223  
Tel: (65) 62440028 Fax: (65) 62440029



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### MATERIAL SAFETY DATA SHEET

Company Name: **C-PAK PTE LTD**  
Address: 2304, Bedok Reservoir Road, #04-01, Dou Yee Building  
Bedok Industrial Park C, Singapore 479223  
Tel: (65) 62440028  
Fax: (65) 62440029  
**PRODUCT NAME:** Antistatic Polystyrene for plastics reel  
**SYNONYMS:** 83 RA PS XXX

#### I. PRODUCTION IDENTIFICATION

**INGREDIENTS:** High Impact Polystyrene  
Antistatic: < 1.0%  
Color pigment: <0.8%,  
(include Neptune Blue, Ultra Blue, Ivory, Black color)

#### 2. PHYSICAL DATA

**BOILING POINT:** N/A  
**VAP. PRESURE:** N/A  
**VAP. DENSITY:** N/A  
**APPEARANCE & ODOUR:** Solid pellets  
**SOL. IN WATER:** Nil  
**SPECIFIC GRAVITY:** 1.04 ~ 1.06  
**MELTING POINT:** 120 ~ 240°C  
**% VOLITILE BY VOLUME:** N/A

#### 3. FIRE & EXPLOSION HAZARD DATA

**FLASH POING:** Not applicable  
**AUTOIGNITION TEMPERATURE:** 350°C  
**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide or dry chemical extinguishing agents  
**SPECIAL FIRE FIGHTING:** Protective clothing  
**EQUIPMENT & HAZARDS:** Material will melt and drip when ignited and give off toxic combustion products.



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### 4. REACTIVITY DATA

|                               |  |
|-------------------------------|--|
| STABILITY:                    | Avoid conditions over 260 °C   |
| IMCOMPATIBILITY:<br>HAZARDOUS | Specific materials to avoid are oxidizing agents   |
| DECOMPOSITION PRODUCTS:       | Under the conditions of melt processing, thermal decomposition may include carbon monoxide, carbon dioxide, hydrocarbons and other organic vapour. |
| HAZARDOUS POLYMERIZATION:     | Will not occur   |

### 5. SPILL, LEAK AND DISPOSAL PROCEDURE

|                            |  |
|----------------------------|--|
| ACTION TO TAKE FOR SPILLS: | Remove solid particles from the floor to prevent falls. Sweep up and discard into a waste disposal unit. |
| DIS POSAL METHODS:         | Bury in landfill or burn in adequate incinerator in compliance with local and federal regulations.       |

### 6. HEALTH HAZARD DATA

|                         |  |
|-------------------------|--|
| HEALTH HAZARD:          | N/A  |
| EYE CONTACT:            | Flush eyes with water and get medical attention if any ill effects develop   |
| SKIN CONTACT:           | Wash with soap and water. Molten plastics can cause severe burns. Cool rapidly with water and immediately obtain medical attention to remove the cooled plastic. |
| INHALATION:             | Move to fresh air and seek medical attention if any ill effects develop  |
| INGESTION:              | N/A  |
| EFFECT OF OVEREXPOSURE: | Pellet, N/A  |

### 7. SPECIAL PROTECTION INFORMATION

|                   |   |
|-------------------|---|
| RESPIRATORY:      | Use respirator if unable to control airborne dust, fume and vapours   |
| VENTILATION:      | local exhaust ventilation is recommended for control of airborne dust, fume and vapours, particularly in confined area. |
| OTHER PROTECTION: | Protective gloves, safety glasses recommended   |

### 8. SPECIAL PRECAUTIONS & ADDITIONAL INFORMATION

|   |  |
|---|--|
| PRECAUTIONS TO BE TAKEN:<br>IN HANDLING AND STORAGE | Avoid breathing in dust if generated. Store in a dry area to prevent moisture absorption |
|---|--|