

**SECTION 1 MATERIAL/COMPANY IDENTIFICATION****MATERIAL IDENTITY** : CHEMIEPRENE TPE ES SERIES**COMPANY NAME**: CP CHEMIE RESOURCES (M) SDN BHD**COMPANY ADDRESS** : PT360, Jalan TPP 5/1, Taman Perindustrian Puchong, 47160 Puchong, Selangor, Malaysia**SECTION 2 COMPOSITION**

COMPONENTS	CAS#	CONCENTRATION
Styrene-Ethylene/Butylene-Styrene Natural Copolymer Compound	66070-58-4	>99.9%weight
Antioxidant/Stabilizer		<0.1%weight

**SECTION 3 HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****Appearance & Color** : Pellet, Natural color.**Health Hazards** : Polymer product with no unusual emergency concerns.**Physical Hazards** : The material will burn and should not present an unusual hazard during fires. Avoid smoke from fires.**Health Effects****Special Notes** :

These materials are rubber compounds, which are essentially non-toxic. Material is not irritating. If polymer dusts are generated they could scratch the eyes and cause minor irritation to the respiratory tract.

**SECTION 4 FIRST AID MEASURES****Eye** :

Flesh eyes with water while holding eyelids open.

**Skin** :

If contact with hot material, cool the burn area by flushing with large amounts of water. DO NOT attempt to remove anything from the burn area or apply burn creams or ointments. Cover the burn area loosely with a sterile dressing, if available.

**SECTION 5 FIRE FIGHTING MEASURES****Extinguishing Media** :Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.**Fire Fighting Instructions** :

Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Protective Measures** :

Wear appropriate personal protective equipment (refer to Section 8) when responding to spills.

**Spill Management :**

Shovel and sweep up or use industrial vacuum cleaner. Avoid generating dust clouds. Place in container for proper disposal, Proper disposal should be evaluated based on regulatory status of this material (refer to Section 13), potential contamination from subsequent use and spillage, and regulations governing disposal in the local area. Prevent entry into waterways, sewer, basements or confined areas.

<b>SECTION 7</b>	<b>HANDLING AND STORAGE</b>
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Practice good housekeeping. Do not allow product to accumulate in processing area.

**Handling :**

Chemieprene Polymers has a tendency to accumulate static charge during transport, handling and processing. Reducing the velocity of transport will reduce charging. Static charge buildup can be a potential fire hazard when used in the presence of volatile or flammable mixtures. For more information, consult the Chemieprene Polymers Static Electricity Safety Bulletin available from your sales representative. In processing: Do not allow the temperature to exceed 550 deg. F. Maintain a fire watch if 550 deg. F is reached.

**Storage :**

Keep containers closed when not in use. Avoid vapors from heated materials. Adequate ventilation and/or engineering controls are recommended in high temperature processing to prevent exposure to vapors.

<b>SECTION 8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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<b>Exposure Controls</b>
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The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Appropriate measures include:

Adequate ventilation and/or engineering controls when material are heated in processing.

<b>Personal Protective Equipment</b>
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Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation. Information on the selection of eye, skin and respiratory protection for use with this material is provided below.

**Eye Protection :**

Chemical goggles, or Safety glasses

**Skin Protection :**

Use protective clothing, which is chemical resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. The selection(s) should take into account such factors as job task, type of exposure and durability requirements.

**Respiratory Protection :**

If engineering controls do not maintain airborne concentrations to a level, which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Types of respirator(s) to be considered in the selection process include:

Air-Purifying Respirator for Dusts and Mists, Supplied-Air Respirator

<b>SECTION 9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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Appearance & Odor : Solid. Essentially odorless

<b>Solubility (in Water)</b>	<b>Negligible</b>	<b>Specific Gravity</b>	<b>1.0</b>
<b>Stability</b>	<b>Stable</b>		

<b>SECTION 10</b>	<b>REACTIVITY AND STABILITY</b>
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**Stability:**

Material is stable under normal conditions.

**Conditions to Avoid:**

Avoid contact with strong oxidizing agents. Accumulation of product in areas exposed to elevated temperatures for extended periods in air may result in self-heating and auto ignition. Avoid elevated temperatures in storage for prolonged periods of time (example: 5 days at 200 deg. F).

**Hazardous Decomposition Products:**

Hazardous vapors from heated products are not expected to be generated under normal processing temperatures and conditions.

Although highly dependent on temperature and environmental conditions, a variety of thermal decomposition products may be present if the product is overheated, is smoldering or catches fire. This range from simple hydrocarbons (such as methane and propane) to toxic/irritating vapors (such as carbon monoxide and dioxide, arelelin, aldehydes and ketones) See Handling in Section 7.

<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**Other Information:**

Elastomers are high molecular weight polymers, which all evidence indicates are biologically inactive.

<b>SECTION 12</b>	<b>ENVIRONMENTAL FATE AND EFFECTS</b>
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This section will be updated as ecological reviews are completed.

<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**General Recommendations:**

If this material becomes a waste, it would not be a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with local regulations.

<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
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**International Air Transportation Association Classification:**

This material is not classified as hazardous under IATA regulations.

**International Maritime Organization – IMDG:**

This material is not classified as hazardous under IMDG regulations.

<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
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The regulatory information provided is not intended to be comprehensive. Other federal, state and local regulations may apply to this material.

<b>Federal Regulatory Status</b>
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**Superfund Amendment & Reauthorization Act (SARA) Title III:**

This material is not regulated under SARA Title III.

Toxic Substances Control Act (TSCA) Inventory Status:

Component(s) of this material is (are) listed on the EPA TSCA Inventory of Chemical Substances.

<b>State Regulatory Status</b>
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This material is not regulated by the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65), New Jersey Right-to-Know Chemical List or Pennsylvania Right-To-Know Chemical List.