

**MATERIAL SAFETY DATA SHEET**

IDENTITY(As Used Label and List)	
<b>DAIELEC EPC-4670E2</b>	
Manufacturer's name DIC ZHANGJIAGANG CHEMICALS CO., LTD	Emergency Tel.No. +86-512-5893-7600
	Department for Information
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Date prepared MARCH.2, 2005	

**Section I – Product Identification**

Product Name(used on label) : <b>DAIELEC EPC-4670E2</b>	
Chemical Name : Compound material made from Modified-Polyphenylene Ether and Carbon Black.	
Component(s)	
Chemical & Common Name(s)	Chemical Abstract Service (CAS) Register Number
Polyphenylene Ether	25134-01-4
High impact Polystyrene	9003-55-8
Styrene-Butadiene copolymer, hydrogenated	66070-58-4
Carbon Black	1333-86-4

**Section II – Hazardous Ingredients**

Hazardous Components (Specific Chemical Identity; Common Name)	OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
NONE	N/A	N/A	N/A

**Section III – Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity(H <sub>2</sub> O=1)	1.19±0.2
Vapor Pressure(mmHg)	N/A	Softening Point	180~220°C
Vapor Density(AIR=1)	N/A	Evaporation Rate(Butyl Acetate=1)	N/A
Solubility in Water	Insoluble		
Appearance and Odor	Solid, Odorless Pellet		

**Section IV – Fire and Explosion Hazard Data**

Flash Point(Method Used)	N/A	Flammable Limits	N/A
Extinguishing Media	Any Cooling or Oxygen Excluding Method		
Special Fire Fighting Procedures	None		
Unusual Fire And Explosion Hazards	None		

N/A: Not Applicable

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**Section V – Reactivity Data**

Stability	Unstable		
	Stable	○	
Incompatibility(Materials to Avoid)		None	
Hazardous Decomposition or Byproducts		None, Incomplete burning will produce carbon mono oxide, carbon dioxide and other harmful products.	
Hazardous Polymerization	May Occur		
	Will Not Occur	○	

**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation ? No	Skin ? No	Ingestion ? Yes
Health Hazards(Acute and Chronic) No Data Available			
Carcinogenicity:	NTP ? No Data Available	IARC Monographs ? No Data Available	OSHA Regulated ? No Data Available
Signs and Symptoms of Exposure No Data Available			
Medical Conditions Generally Aggravated by Exposure No Data Available			
Emergency and First Aid Procedures Induce Vomiting in a Conscious Individual Get Immediate Medical Attention			

**Section VII – Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled Sweep up and deposit in dry waste container to avoid loose pellets causing possible loss of footing	
Waste Disposal Method Not Critical – Treat as Conventional Solid Waste in Accordance with Local State and Federal Regulations	
Precautions to be Taken in Handling and Storing Can be Handled as Plastic Resin and Store Inside Warehouse to Avoid Rain	
Other Precautions Ventilation is recommended in injection and heating area for exhausting very low molecular weight polymer	

**Section VIII – Control Measures**

Respiratory Protection (Specify Type)		Not Required	
Ventilation	Local Exhaust Necessary at Injection Molding or Heating	Special	Not Required
	Mechanical(General)	Not Required	Other Not Required
Protective Gloves	Necessary at Injection Molding	Eye Protection	Necessary at Injection Molding
Other Protective Clothing or Equipment		Not Required	
Work/Hygienic Practices	This Compound is Hygroscopic – Keep Dry in Closed Container or Sealed Bags		

N/A: Not Applicable

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## 产品安全数据表

### 【制造者情报】

公司名 张家港迪爱生化工有限公司  
地址 中国江苏省张家港市金港镇江苏国际化学工业园  
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紧急联络号码 +86-512-5893-7600  
整理号码 DC0050 作成 2005年07月26日

### 【产品名称】

DAIELEC EPC-4670E2

### 【物质特别指定】

单一产品・混合物的区别 : 混合物  
该产品普通名称 : 变性聚亚苯基醚与炭黑的混合物

化学物质名称	含有量 [%]	CAS NO.
聚亚苯基醚	>40	25134-01-4
耐高冲击性聚苯乙烯	<20	9003-55-8
氢化苯乙烯/丁二烯共聚物	<20	66070-58-4
炭黑	20~30	1333-86-4
其他非危险有害成分	<5	有

联合国分类：不属于危险品 联合国号码：无

### 【危险有害性的分类】

分类名称 : 不符合分类基准  
危险性 : 无数据  
有害性 : 无数据  
环境影响 : 生分解性低, 不认为具有浓缩性

### 【应急措施】

进入眼睛时 : 立即用大量清水冲洗, 有异常时接受医生的治疗。  
沾到皮肤时 : 熔融物接触到皮肤时, 迅速用水冷却。如一般的烫伤同样处理。  
吞下时 : 吐出

### 【发生火灾时的处置=】

灭火方法: 切断起火的燃烧电源, 从风头使用灭火剂灭火. 同时防止火灾蔓延, 可以采取散水令周围罐, 建筑物进行冷却。可以移动的容器要尽快移到安全地方。灭火作业进行时, 佩带适当的呼吸保护用具(呼吸空气)。灭火无关的人员禁止进出火灾发生的周围。  
灭火剂 : 砂、粉末、少量时可以使用水

### 【发生泄露时的处置】

少量时: 泄露在地面时滑倒的危险性很高, 因此及时要回收。  
大量时: 为了泄露品不要流到河、水路, 扫到集中, 回收在容器。

### 【使用和保管的注意】

使用 : 成型作业时应穿着长袖、长裤的工作服, 同时佩带合适的保护手套。在加热和作业处理场所, 应设置局部排气装置。  
保管 : 室内保管。注意防湿

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**【暴露防止措施】**

管理浓度：未定

允许浓度：未定

设备对策：成型作业中，因熔融而产生的低分子量成分会挥发，因此为了排出低分子量成分，需要配备局部排气装置。

防护用品：防尘口罩，防护眼镜、防护手套、防护鞋、安全鞋、安全服（长袖，长裤）

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**【物理 / 化学的性质】**

外观等：黑色固体颗粒

臭气：无臭

软化点：200~230℃

挥发性：无

比重：1.14

溶解性：水；不溶

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**【危险性情报】**

可燃性：UL94HB相当的难燃性

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**【有害性情報】**

无数据

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**【环境影响情报】**

无数据

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**【废弃时的注意】**

委托外部处理：

委托工业废弃物处理公司处理，同时明确处理内容。

内部进行处理：

将废弃物填埋。填埋时，根据有关废弃物处理和清扫的法律，切切实实的用土填埋。

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**【运输时的注意事项】**

注意事项：

- 1) 用有盖车或覆盖薄膜后运输。
- 2) 为防止运输途中包装破坏，应避免沾水以及粗暴操作。
- 3) 发生因包装破坏而导致物品散乱情况时，应注意防止倾倒。
- 4) 迅速回收所有漏出的物品。

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**【适用法令】**

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**【其他】**

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