



ITEN INDUSTRIES, INC.

**Safety Data Sheet**  
**Politen Grade ESP185, IESP185**

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**SECTION 1: Identification**

**1.1 Product identifier**

Product name	Politen Grade ESP185, IESP185
Product number	ESP185, IESP185
Substance name	Fibrous Glass Polyester Polymer

**1.3 Recommended use of the chemical and restrictions on use**

Electrical/Electronic Applications, Insulators

**1.4 Supplier's details**

Name	Iten Industries, Inc.
Address	P.O. Box 2150 Ashtabula, OH 44005-2150 US
Telephone	800-227-4836
Fax	440-992-4966
email	info@itenindustries.com

**1.5 Emergency phone number(s)**

1-800-852-2482  
Vector Security

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**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

**2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

**2.3 Other hazards which do not result in classification**

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Not a hazardous substance or mixture.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name	Fibrous Glass Polyester Polymer
Other names / synonyms	na
Impurities and stabilizing additives	na

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Avoid inhalation, ingestion, and excessive skin exposure of dust.
If inhaled	Remove to fresh air. If symptoms persist, seek medical attention.
In case of skin contact	Wash with soap and water and remove contaminated clothing. If symptoms persist, seek medical attention.
In case of eye contact	Flush with water for 15 minutes. If symptoms persist, seek medical attention.
If swallowed	na
Personal protective equipment for first-aid responders	na

#### 4.2 Most important symptoms/effects, acute and delayed

na

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

na

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Water, CO2, Foam (AFF), Dry Agent

#### 5.2 Specific hazards arising from the chemical

Smoke from fire may contain toxic fumes.

#### 5.3 Special protective actions for fire-fighters

Positive Pressure SCBA to be worn when entering burning area.

#### Further information

Conventional firefighting procedures are to be used.

## **SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

na

**6.2 Environmental precautions**

na

**6.3 Methods and materials for containment and cleaning up**

na

**Reference to other sections**

na

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## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Sheets stacked too high and not restrained properly may pose a hazard of sliding.  
Some nuisance dust may be present in boxes of fabricated parts.

**7.2 Conditions for safe storage, including any incompatibilities**

na

**Specific end use(s)**

na

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## **SECTION 8: Exposure controls/personal protection**

**8.2 Appropriate engineering controls**

Use proper ventilation for machining or dust collection system when sawing.

**8.3 Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**

Wear safety glasses with side shields for machining or sawing.

**Skin protection**

Wear appropriate gloves and protective garments while machining or sawing.

**Body protection**

na

**Respiratory protection**

If proper ventilation is not available, wear NIOSH approved dust respirator to avoid exposure to nuisance dust while machining or sawing.

**Thermal hazards**

na

**Environmental exposure controls**

na

## **SECTION 9: Physical and chemical properties**

### **Information on basic physical and chemical properties**

Appearance/form	Pigmented solid sheets or machined parts
Odor	Faint odor of styrene
Odor threshold	na
pH	na
Melting point/freezing point	na
Initial boiling point and boiling range	na
Flash point	na
Evaporation rate	na
Flammability (solid, gas)	na
Upper/lower flammability limits	na
Upper/lower explosive limits	na
Vapor pressure	na
Vapor density	na
Relative density	na
Solubility(ies)	na
Partition coefficient: n-octanol/water	na
Auto-ignition temperature	na
Decomposition temperature	na
Viscosity	na
Explosive properties	na
Oxidizing properties	na

### **Other safety information**

na

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Material will slowly degrade with exposure to strong oxidizing agents.

### **10.2 Chemical stability**

Stable

### **10.3 Possibility of hazardous reactions**

na

### **10.4 Conditions to avoid**

Exposure to strong oxidizing agents.

### **10.5 Incompatible materials**

Oxidizers

### **10.6 Hazardous decomposition products**

Trace amounts of HCN, CO<sub>2</sub>, CO, Phenol, and other Hydrocarbons.

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## **SECTION 11: Toxicological information**

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### Information on toxicological effects

#### Acute toxicity

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Skin corrosion/irritation

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Serious eye damage/irritation

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Respiratory or skin sensitization

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Germ cell mutagenicity

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Carcinogenicity

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

#### Reproductive toxicity

Method:  
Species:

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Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

### Summary of evaluation of the CMR properties

This material is not classifiable as to human carcinogenicity, mutagenicity, or reproductive toxicity and it has not been classified as a carcinogen, mutagen, or reproductive toxicant.

### STOT-single exposure

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

### STOT-repeated exposure

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

### Aspiration hazard

Method:  
Species:  
Routes of exposure:  
Effective dose:  
Exposure time:  
Results:

### Additional information

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

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## SECTION 12: Ecological information

### Toxicity

na

### Persistence and degradability

na

### Bioaccumulative potential

na

### Mobility in soil

na

### Results of PBT and vPvB assessment

na

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**Other adverse effects**

na

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**SECTION 13: Disposal considerations**

**Disposal of the product**

Insure conformity with local disposal regulations.  
Waste is not hazardous as defined by RCRA (40 CFR Part 261

**Disposal of contaminated packaging**

na

**Waste treatment**

na

**Sewage disposal**

na

**Other disposal recommendations**

na

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**SECTION 14: Transport information**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**SECTION 15: Regulatory information**

**15.2 Chemical Safety Assessment**

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

**HMIS Rating**

Health	0
Flammability	1
Physical hazard	0
Personal protection	

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**SECTION 16: Other information**

na

**16.1 Further information/disclaimer**

## **Safety Data Sheet**

### **Politen Grade ESP185, IESP185**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### **16.2 Preparation information**

Prepared in accordance with 229 CFR 1910.1200