

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**COMPANY NAME** : Hakko Corporation  
**ADDRESS** : 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka, 556-0024 Japan  
**SECTION IN CHARGE** : Research & Development Center  
**EMERGENCY TELEPHONE** : 81-6-6561-3225 (FAX: 06-6568-0821)  
**NUMBER/REFERENCE** : Sales Division

**PRODUCT NAME** : Pre filter for FA-430

**Model:** No. A1585

### 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : N/A

GHS LABEL ELEMENTS : N/A

PICTOGRAM OR SYMBOL : N/A

HAZARD INFORMATION : Fumes evolved from high-temperature molten resins are irritating to eyes and respiratory system.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Single substance or mixture: Single substance

General name: Polyethylene-based non-woven fabric

	CAS No.	Official gazette reference code	PRTR No.	Chemical name
Filter	9003-07-0	(6) -402	—	Polypropylene

Hazardous components:

Information not available



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#### 4. FIRST-AID MEASURES

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- Eye contact : If irritation occurs, flush eyes immediately with large amounts of water for at least 20 minutes and continue flushing until irritation subsides.  
If redness or irritation persists, contact a physician.
- Skin contact : No hazard in normal use.  
If any, flush with large amounts of water, use soap if available.  
For hot product, immediately immerse in or flush the affected area with large amount of water to dissipate heat.  
Cover with clean cotton sheeting or gauze and get prompt medical attention.  
No attempt should be made to remove material from skin to remove contaminated clothing, as the damaged flesh can be easily torn.
- Inhalation : N/A
- Ingestion : N/A
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#### 5. FIRE FIGHTING MEASURES

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- Extinguishing media : Dry chemicals, water fog, fire foam, CO<sub>2</sub>
- Hazardous : Solid materials may burn at or above the flashpoint, and airborne dust may explode if ignited.
- combustion products: Toxic gases will form upon combustion.
- Special fire fighting : Use water spray to cool fire exposed surface and protect personnel.  
procedures
- Protection of fire fighters : Respiratory and eye protection required for fire fighting personnel.
- Unusual fire and explosion : Isolate “fuel” supply from fire.  
hazards Oxygen-lean conditions may produce carbon monoxide and irritating smoke.
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#### 6. ACCIDENTAL RELEASE MEASURES

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- Personal protection : Nothing of particular note.
- Removing procedures : Carefully sweep up.
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#### 7. HANDLING & STORAGE

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##### Handling

- Technical measures : N/A
- Precaution :
- Precaution for safe handling :

##### Storage

- Suitable storage conditions :



Storage conditions to avoid : Avoid string near strong oxidizers  
 Avoid sources of ignition  
 Use caution when stacking to avoid unstable conditions  
 Store at ambient temperature  
 Store at atmospheric pressure  
 Store in a sprinkler system warehouse

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Administrative level : Not determined.

Allowable concentration : Not determined.

### Protective gear

Protective gear for respiratory : Not required  
 Protective gear for eyes : Not required  
 Protective gloves : Not required  
 Protective clothing : Not required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL PROPERTIES

**APPEARANCE** : Solid  
**Color** : White  
**Odor** : Smell-less  
**pH** : N/A  
**Boiling point/range** : N/A  
**Melting point point** : 155-165°C  
**Flash point** : >250°C  
**Ignition point** :  
**Explosiveness** :  
**Vapor pressure** : N/A  
**Vapor density** : N/A  
**Specific gravity/Density** :  
**Solubility in water** : Insoluble  
**Evaporation rate** : N/A

## 10. STABILITY AND REACTIVITY

Stability : Stable  
 Incompatible materials : Temperatures over 250 degree C may cause resin degradation  
 Hazardous Polymerization : N/A



Hazardous Decomposition :  
Products None

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## 11. TOXICOLOGICAL INFORMATION

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Reported Human Effects : No primal dermal irritation.  
Human patch tests have been carried out with this product.

Report Animal Effects : No animal toxicity studies have been carried out with this product.

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## 12. ECOLOGICAL INFORMATION

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Degradation : Data not available  
Bioaccumulation : Data not available  
Toxicity for fish : Data not available

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## 13. DISPOSAL CONSIDERATIONS

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The product must be disposed of by approved subcontractors in a manner specified by the manufacturer.

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## 14. TRANSPORTATION INFORMATION

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International rules : Nothing of particular note.  
No UN number allocated.  
Special safety measures required : The product is not classified as dangerous goods.  
Keep the product away from direct sunlight and rainwater during transportation.

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## 15. REGULATORY INFORMATION

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None

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## 16. OTHER INFORMATION

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Reference:

MSDS issued by the manufacturer.

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This document has been prepared based on the information and data that are available as of this date. Therefore, it may be revised when new information or data has been obtained.

The information and data contained herein are subject to the normal use. The evaluation of dangerousness and toxicity is, therefore, not always applicable. For this reason, the safety precautions suitable for your purpose and method must be taken prior to the use.

