

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

4. FIRST-AID MEASURES

- 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

- Extinguishing media : Dry chemicals, water fog, fire foam, CO₂
- 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

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

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

11. TOXICOLOGICAL INFORMATION

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.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

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.

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

Reference:

MSDS issued by the manufacturer.

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.