

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 NUMBER : 81-6-6561-3225

PERSON IN CHARGE : Sales Division

PRODUCT NAME: Main filter for Hakko 421

MODEL: No. A1430

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Not applicable

GHS LABEL ELEMENTS

PICTOGRAM OR SYMBOL : None

SIGNAL WORD : None

HAZARD INFORMATION : Not particularly hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single-ingredient product or mixture: mixture

General Name: Non-woven fabric

Ingredient	CAS No.	Official gazette reference code	Chemical name
Fiber	-	-	Polypropylene
	-	-	Polyethylene terephthalate
Adhesive	-	-	Ethylene-vinylacetate copolymer
	-	-	Urethane hot melt

4. FIRST-AID MEASURES

IF IN EYES : Rinse thoroughly with clean water. If any abnormality is felt, receive medical attention.

- IF ON SKIN** : Thorough washing with soap will be recommended though no special first-aid measure is needed.
- IF IN HALED** : Because no hazardous gas is generated at room temperature and atmospheric pressure, it is considered to be harmless even if inhaled.
- IF IN GESTED** : Seek medical attention if any abnormality is observed though ingestion of small amount will cause no problem.
- SPECIAL NOTE FOR PHYSICIAN** : Treat symptomatically.
-

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA** : Water, foam, or extinguishing powder
- BANNED EXTINGUISHING MEDIA** : Not specially defined.
- FIRE HAZARDOUS** : Be careful to handle the fire because fire retardant generates hazardous gases.
- EXTINGUISHING PROCEDURES** : Although it is basically fire resistant, use water to extinguish once a fire breaks out.
- PROTECTION FOR FIRE FIGHTERS** : Fire fighters should wear respiratory protective clothing.
-

6. ACCIDENTAL RELEASE MEASURES

- HEALTH PRECAUTION** : N/A
- ECOLOGICAL PRECAUTION** : N/A
- ELIMINATION MEASURE** : Not specially defined.
-

7. HANDLING AND STOCK

HANDLING

- ENGINEERING MEASURE** : None
- NOTE** : Keep away from heat source or flame for indoor use.
- SAFETY HANDLING PRECAUTION** : None

STOCK

- PROPER STOCK CONDITION** : Exercise care to avoid water leak.
- SAFETY STOCK WRAPPING** : No special wrapping material is specified.

MATERIAL

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

FACILITIES CONTROL MEASURES

- ADMINISTRATIVE LEVEL** : N/A
- ALLOWABLE CONCENTRATRATION** : N/A
- VENTILATION DEVICE** : No special device is required.
- PROTECTIVE GEAR** : Not needed for normal handling.
-

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE** : Sheet
- MELTING POINT** : 100-265°C or higher (Polyethylene terephthalate used for the filter)
160-165 °C or higher (Polypropylene used for the filter)

SOLUBILITY : Not soluble in water

10. STABILITY AND REACTIVITY

FLASH POINT : 346°C (for Polyethylene terephthalate fiber)
300°C or higher (for Polypropylene fiber)

FIRE POINT : 483°C (for Polyethylene terephthalate fiber)
470°C (for Polypropylene fiber)

FLAMMABILITY : Fire retardant

IGNITABILITY : None (spontaneous combustibility; reaction with water)

STABILITY AND REACTIVITY : Stable under room temperature.

CONDITIONS TO AVOID : None

MATERIAL TO AVOID : Avoid strong oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCT : Carbon monoxide, carbon dioxide, etc. is generated from thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Data not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY : Data not available.

BIOACCUMULATION : Data not available.

PERSISTENCY/DEGRADABILITY : Data not available.

MOBILITY IN SOIL : Data not available.

13. DISPOSAL CONSIDERATIONS

[Landfilling] Contract with a licensed industrial waster disposal firm for landfilling waste in accordance with the Waste Disposal and Public Cleansing Law.

[Incineration] Incinerate waste in such a manner that complies with regulations, such as the Clean Air Act.

14. TRANSPORTATION INFORMATION

Avoid wet or violent handling of the product so that the package is not broken.

15. REGULATORY INFORMATION

PRTR Law: Decabromodiphenyl ether
Waste Disposal and Public Cleansing Law

16. OTHER INFORMATION

MSDS issued by the manufacture

Established on Sep. 6, 2006

Revised on Dec 1, 2015

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.