

Tabulating date:	Dec. 15st, 2015	<b>Dongguan Retop Filter Material Co., Ltd</b>	File NO.:	WI-TE-001
Tabulator:	Yujia Wang		File type:	MSDS
Attribution Department	Technical Section		Edition:	A0

## MATERIAL SAFETY DATA SHEET

### **Section 1. Chemical Product & Company Information**

#### 1.1 Product identifier:

Product Information: Filter material non-woven

Product item no.: NET1404-F

#### 1.2 Relevant identified uses of the substance and uses advised against:

Identified uses: For filtration.

Uses advised against: Not available.

#### 1.3 Details of the supplier of the safety data sheet:

Supplier (Manufacturer): Dongguan Retop Filter Material Co., Ltd.

Address: No. 6A Longtian Road Qinghutou Village Tangxia Town Dongguan City Guangdong Province 523726 China.

Contact person: Xianzheng Wang

Telephone: +86-0769-87938608

Fax: +86-0769-87937808

#### 1.4 Emergency telephone number: +86-015015193904

Available outside office hours?      YES            NO

### **Section 2. Composition/Information on Ingredients**

2.1 Composition: PET 20%、 PP 80%

2.2 Composition of harmful material: None

### **Section 3. Hazards Identification**

#### 3.1 The most important adverse effects

3.1.1 The most important adverse physicochemical effects: Not applicable.

3.1.2 The most important adverse human health effects: Causes skin irritation.

3.1.3 The most important adverse environmental effects: Not applicable.

#### 3.2 Hazard category: Not applicable.

### **Section 4. First Aid Measures**

#### 4.1 Description of first aid measures: In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation: If exposed to fumes from overheating, move to fresh air. Consult a physician if symptoms persist.

4.1.2 In case of skin contact: If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel material from skin. Obtain medical attention to thermal burn.

4.1.3 In case of eyes contact: Flush eyes with water. Consult a physician if you feel unwell.

4.1.4 In case of ingestion: not a probable route of industrial exposure. However, if ingested, seek medical attention immediately.

#### 4.2 Most important symptoms and effects, both acute and delayed: Cause skin irritation.

#### 4.3 Indication of any immediate medical attention and special treatment needed: If skin irritation or rash occurs, get medical advice/attention.

### **Section 5. Fire Fighting Measures**

#### 5.1 Extinguishing Media:

Suitable extinguishing media: Use water or dry powder extinguishing agent.

Unsuitable extinguishing media: Not applicable.

#### 5.2 Special hazards arising from the substance or mixture: Molten plastic can cause severe thermal burns. At temperatures above 350°C/662°F, heavy fuming, carbon dioxide and carbon monoxide will occur.

#### 5.3 Advice for fire-fighters: As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

### **Section 6. Accidental Release Measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures: Keep unnecessary people away, isolate hazard area and deny entry. Use personal protective equipment. Ensure adequate ventilation. If insufficient ventilation, wear suitable respiratory equipment. If material is in a dry state, avoid inhalation of dust.

6.2 Environmental precautions: Avoid disposing into drainage/sewer system or directly into the aquatic environment.

6.3 Methods for containment and cleaning up: Not applicable to products in the solid state. Fine, dry material should be removed by vacuuming or wet sweeping methods to prevent spreading of dust. Avoid using compressed air. Collect material in appropriate, labeled containers for recovery or disposal in accordance with federal, state, and local regulations.

6.4 Additional information: Don't use a brush or compressed air for cleaning surfaces or clothing. Clear spills immediately.

## **Section 7. Handling and Storage**

7.1 Safe handling:

7.1.1 Protective measures: Operations with the potential for generating high concentrations of airborne particulates should be evaluated and controlled as necessary. Practice good housekeeping. Avoid breathing fume and/or dust. Use personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Secondary operations, such as grinding, sanding or sawing, can produce dust which may present a respiratory hazard.

7.1.2 Advice on general occupational hygiene: Don't eat, drink and smoke in working area. Remove contaminated clothing before entering rest area.

7.2 Storage: Store in a cool, dry, well-ventilated area. Avoid direct sunlight, rain and should be moistureproof. Keep away from incompatible substances.

## **Section 8. Exposure Controls/Personal Protection**

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

8.1.2 Appropriate engineering controls: Local exhaust at processing equipment to assure that particulate levels are kept at recommended levels.

8.2 Personal protection: Eye/face protection: Safety glasses are recommended to prevent particulate matter from entering eyes while grinding or machining.

Hand protection: Protective gloves are required when handling hot polymer.

Body protection: Long sleeve cotton shirt and long pants if handling molten polymer.

Respiratory protection: None under normal processing, if ventilation is adequate.

## **Section 9. Physical and Chemical Properties**

Information on basic physical and chemical properties:

Physical state:	Fabric	Shape:	Solid
PH:	Not applicable	Color:	White
Odour:	Not applicable	Boiling point/Boiling Range:	Not applicable
Flash Point:	Not applicable	Decomposition Temperature:	Not applicable
Explosion limit:	Not applicable	Spontaneous Temperature:	Not applicable
Density:	—	Solubility in water:	Insoluble

## **Section 10. Stability and Reactivity**

10.1 Reactivity: The substance is stable under normal storage and handling conditions.

10.2 Possibility of hazardous reactions: No dangerous reactions known.

10.3 Conditions to avoid: High temperature, fire. Incompatible materials.

10.4 Hazardous decomposition products: Hazardous gases or vapors can be released, including heavy fuming, carbon dioxide and carbon monoxide.

## **Section 11. Toxicological Information**

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Not available.

11.2 Information on toxicological effects

Acute toxicity:

LD50(Oral, Rat): Not available

LD50(Dermal Rabbit): Not available

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation:	Not available.
Serious eye damage/irritation:	Not available
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

### **Section 12. Ecological Information**

Possible environmental impact:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available

### **Section 13. Disposal Considerations**

- 13.1 Waste treatment methods: It should be recycled whenever possible. Product dusts and fumes from processing operations should also be recycled, or classified by a competent environmental professional and disposed of in accordance with applicable Federal, State or local regulations.
- 13.2 Product/Packaging disposal: If empty container retains product residues, all label precautions must be observed. Retrun for reuse or dispose according to national or local regulations.

### **Section 14. Transport Information**

	Land transport(ADR/RID)	Sea transport(IMDG)	Air transport(ICA0/IATA)
UN-Number:	Not regulated	Not regulated	Not regulated
UN Proper shipping name:	Not regulated	Not regulated	Not regulated
Transport hazard class:	Not regulated	Not regulated	Not regulated
Packaging group:	Not regulated	Not regulated	Not regulated
Environmental hazards:	No	No	No

### **Section 15. Regulatory Information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

Whether be recorded by other nations chemicals directory: This chemical is included in the common national ional chemicals directory.

15.2 Downstream users precautions: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

### **Section 16. Other Information**

16.1 Further information: This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.

16.2 Notice to reader: Employers should use this information only as a supplement to other information gathered by them, and Should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

16.3 Other information:

Manufacturer:	Dongguan Retop Filter Material Co., Ltd	Tabulating date:	Dec. 15st, 2014
Tabulator:	Yujia Wang	File type:	MSDS
Verifier:	Xianzheng Wang	File NO.:	WI-TE-001
Attribution department:	Technical Section	Edition:	A0