

## SAFETY DATA SHEET



(740) 983-2552  
*Performance Engineered Air Filter Products*

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: **RG5 Poly Media Roll**

Product Use: Vapor phase purification

Columbus Industries, Inc.  
2938 State Route 752  
P.O. Box 257  
Ashville, OH 43103

Phone: 740-983-2552

Fax: 740-983-4622

Date SDS prepared: 8/29/2019 Prepared by: G. Krum  
Emergency Phone No. 740-983-2552  
All Medical Emergencies: Contact Local Emergency Service Provider

### SECTION 2 — HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

GHS Label elements, including precautionary statements



Pictogram

Warning

Signal word

May be harmful if ingested.

Hazard statement(s)

Avoid breathing dusts when changing filters.

Precautionary statement(s)

Hazards not otherwise classified (HNOC) or not covered by GHS

None

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Weight Percent %
Polyethylene Terephthalate	25038-59-9	90-95
Vinyl Chloride Copolymer	9003-22-9	5-10
Titanium Dioxide	13463-67-7	< 0.4

Skin Contact: Wash hands with soap and water.

Eye Contact: Flush eyes with water.

Inhalation: If inhaled, move person to fresh air.

Ingestion: Never give anything by mouth to unconscious person, rinse mouth with water.

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## 5 – FIRE FIGHTING MEASURES

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Means of Extinction:	Use suitable extinguishing media; water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture:	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

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Personal precautions, protective equipment and emergency procedures	When changing or replacing filters avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions	No special environmental precautions required.
Methods and materials for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

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Precautions for safe handling	Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation
Conditions for safe storage, including any incompatibilities	Keep in a dry place.
Specific end use(s)	Where proper protective equipment when handling used filters.

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## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

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### Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Exposure controls

Airborne Exposure Limits:

Ingredient	CAS #	PEL (8hr TWA)
Polyethylene Terephthalate	25038-59-9	None Established
Titanium Dioxide	13463-67-7	15mg/mw3 (total dust)

### Appropriate engineering controls

General industrial hygiene practice.

### Personal protective equipment

No Personal protective equipment needed for handling clean filters. However protective equipment may be required when handling used filters. This may include:

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

No special environmental precautions required.

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No special environmental precautions required.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Odor No data available

Odor Threshold No data available

pH No data available

Melting point/ freezing point Melting point: 250 °C (482 °F)

No data available

Initial boiling point and boiling range

Flash point No data available

Evaporation rate No data available

Flammability (solid, gas) May form combustible dust concentrations in air.

Upper/lower flammability or No data available

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## 10. STABILITY AND REACTIVITY

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**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No data available

**Conditions to avoid**

No data available

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - No data available

In the event of fire: see section 5

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## 11. TOXICOLOGICAL INFORMATION

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**Information on toxicological effects****Acute toxicity**

No data available

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

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**12. ECOLOGICAL INFORMATION****Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

Unused filters are not RCRA hazardous.

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of used filters with all applicable local and federal regulations.

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**14. TRANSPORT INFORMATION****DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**15. REGULATORY INFORMATION****SARA III Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III,

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

CAS-No.

Titanium Dioxide are listed

13463-67-7

**New Jersey Right To Know Components**

CAS-No.

Titanium Dioxide are listed

13463-67-7

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## **16. OTHER INFORMATION**

### **Full text of H-Statements referred to under sections 2 and 3.**

May form combustible dust concentrations in air

#### **HMIS Rating**

Health hazard:	1	Slight health hazard if ingested.
Chronic Health Hazard:	0	
Flammability:	0	
Physical Hazard:	0	

#### **NFPA Rating**

Health hazard:	1	Slight health hazard if ingested.
Fire Hazard:	0	
Reactivity Hazard:	0	

#### **Preparation Information**

Columbus Industries, Inc.

740-983-2552

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## SAFETY DATA SHEET



**(740) 983-2552**  
*Performance Engineered Air Filter Products*

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: **WICK Filter**

(HAC504 series, HAC700 series, HC888 series, HFT600 series, HC14 Series)

Product Use: Humidifier element (filter)

Columbus Industries, Inc.  
2938 State Route 752  
P.O. Box 257  
Ashville, OH 43103

Phone: 740-983-2552

Fax: 740-983-4622

Date SDS prepared:

8/20/2018

Prepared by: Gretchen Krum

Emergency Phone No.

740-983-2552

All Medical Emergencies:

Contact Local Emergency Service Provider

### SECTION 2 — HAZARDS IDENTIFICATION

Mixture

Pictogram

None

Signal word

Warning

Hazard statement(s)

May be harmful if ingested.

Precautionary statement(s)

Avoid breathing dusts when changing filters and wash hands after handling used filters.

Hazards not otherwise classified (HNOC) or not covered by GHS

None

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Weight Percent %
Cellulose	9004-34-6	95-98%
Polyethylene Film	9002-88-4	3-5%
Metal Oxide Composite	7440-22-4/1344-281-1	< 1%

### 4-FIRST AID MEASURES

Skin Contact: In case of irritation, wash contacted area with soap and water.

Eye Contact: Flush eyes with water.

Inhalation: If inhaled, move person to fresh air.

Ingestion: Never give anything by mouth to unconscious person, rinse mouth with water.

## 5 – FIRE FIGHTING MEASURES

Means of Extinction:	Use suitable extinguishing media; water spray, alcohol resistant foam, or dry chemical.
Special hazards arising from the substance or mixture:	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	When changing or replacing filters avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions	No special environmental precautions required.
Methods and materials for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

Precautions for safe handling	Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Conditions for safe storage, including any incompatibilities	Keep in a dry place.
Specific end use(s)	Where proper protective equipment when handling used filters.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

### Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Exposure controls

#### Airborne Exposure Limits:

- OSHA Permissible Exposure Limits (PELs) -

For Activated Carbon (graphite, synthetic):

total particulate = 15 mg/m<sup>3</sup> (TWA),

respirable fraction = 5 mg/m<sup>3</sup> (TWA).

For Silica: Crystalline Quartz:

total dust = 30/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup>

respirable fraction = 10/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup>.

### Appropriate engineering controls

General industrial hygiene practice.

## **Personal protective equipment**

No Personal protective equipment needed for handling clean filters. However protective equipment may be required when handling used filters. This may include:

### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as  
NIOSH (US) or EN 166(EU).

### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### **Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### **Control of environmental exposure**

No special environmental precautions required.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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

Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point/ freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	May form combustible dust concentrations in air.

Upper/lower flammability or explosive limits	No data available
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## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No data available

### Conditions to avoid

No data available

### Incompatible materials

Strong oxidizing agents, strong acids and high temperatures above 200° C

### Hazardous decomposition products

Other decomposition products - No data available

In the event of fire: see section 5

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

No data available

Inhalation: No data available

Dermal: No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### Reproductive toxicity

No data available  
**Specific target organ toxicity - single exposure**  
No data available  
**Specific target organ toxicity - repeated exposure**  
No data available  
**Aspiration hazard**  
No data available

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## 12. ECOLOGICAL INFORMATION

**Toxicity**  
No data available  
**Persistence and degradability**  
No data available  
**Bioaccumulative potential**  
No data available  
**Mobility in soil**  
No data available  
**Other adverse effects**  
No data available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**  
Unused filters are not RCRA hazardous.  
**Product**  
Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Contaminated packaging**  
Dispose of used filters with all applicable local and federal regulations.

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## 14. TRANSPORT INFORMATION

**DOT (US)**  
Not dangerous goods  
**IMDG**  
Not dangerous goods  
**IATA**  
Not dangerous goods

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## 15. REGULATORY INFORMATION

**SARA 302 Components**  
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Components**

No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**16. OTHER INFORMATION**

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**Full text of H-Statements referred to under sections 2 and 3.**

May form combustible dust concentrations in air

**HMIS Rating**

Health hazard:	0
Chronic Health Hazard:	0
Flammability:	0
Physical Hazard:	0

**NFPA Rating**

Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

**Preparation Information**

Columbus Industries, Inc.

740-983-2552

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