

Safety Data Sheet
W1024
Air Dryer Filter

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Number: WS10070

Trade Name and Synonyms: Wix Air Dryer Filter

Chemical Name and Synonyms: Not Applicable.

Product Use: Air Dryer Filter

Restrictions on use: None known

SDS Date of Preparation: June 15, 2016

Details of the supplier of the safety data sheet:
MANN+HUMMEL Filtration Technology US LLC
1 Wix Way
Gastonia, NC 28054

Telephone Numbers
Product Information: (704) 869-3869
Emergency Phone: (800) 424-9300 Chemtrec

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Not classified as hazardous under OSHA Hazcom 2012 (29 CFR 1910.1200)

Labeling: None required.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Zeolite	1318-02-1	>70%
Metal Binder	Proprietary	<30%

The specific identity and/or exact concentration has been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Contact with the solid filter should not require first aid. Wash hands after handling. If direct contact with dust generated from damaging the filter occurs, the following first aid should be administered

Eye: Flush eyes thoroughly with running water for several minutes. Get medical attention if irritation occurs and persists.

Skin contact: Wash with mild soap and water. Seek medical attention if irritation develops.

Inhalation: If dust is inhaled, remove to fresh air. Seek medical attention if irritation develops and persists.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Seek medical attention

Most important symptoms/effects, acute and delayed: None expected under normal conditions of use. Dust that may be generated from damaging the filter may cause eye, skin and respiratory irritation.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is not required.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use media that is appropriate for the surrounding fire.

Specific hazards arising from the chemical: The filter is not flammable or combustible. Filter may burn under fire conditions as an ordinary combustible. Combustion may produce carbon oxides and hazardous materials that are absorbed through normal product use.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers and structures with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Use appropriate protective clothing and equipment during clean-up.

Environmental hazards: Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: If filter is not damaged, pick up and keep for use. If the filter is damaged, collect in a manner that minimizes the generation of airborne dust. Place collected material into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: No special handling required. Handle filters in a manner that minimizes the risk of damage. In handling damaged filters, avoid generating and breathing dusts and avoid contact with eyes, skin or clothing. Wash hands after handling filters.

Conditions for safe storage, including any incompatibilities: Store in a dry area.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Zeolite	None Established
Metal binder	None Established

Appropriate engineering controls: No special ventilation required for handling undamaged filters.

Personal Protective Equipment

Respiratory protection: None required for normal use. For operations where exposures are excessive or irritation is experienced, a NIOSH approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Skin protection: None required for normal handling.

Eye protection: None required for normal handling.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): White to off-white beads or pellets.

Odor: No odor.

Odor threshold: Not applicable	pH: Not applicable
Melting point/freezing point: >752°F (>400°C)	Boiling point/Range: Not applicable
Flash point: Not applicable	Evaporation rate: Not applicable
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not applicable	Vapor density: Not applicable
Relative density: >2.0 g/m ³	Solubility(ies): Insoluble in water
Partition coefficient: n-ctanol/water: Not applicable	Auto-ignition temperature: Not applicable
Decomposition temperature: Not applicable	Viscosity: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May react under high temperatures.

Chemical stability: Stable.

Possibility of hazardous reactions: Sudden contact with high concentrations of chemicals having high heats of adsorption such as olefins, HCl, etc can cause the product to heat up to the boiling point of water.

Conditions to avoid: When first wetted, the product can heat up to 212°F (100°C). Flood with water to cool the product.

Incompatible materials: Avoid contact with small amounts of water.

Hazardous decomposition products: None expected from unused product. Decomposition of used product may release hazardous chemicals from the materials that contact the product during use.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects: Handling undamaged filters will not result in adverse effects. The following information pertains to exposure to dust that may be generated in damaging filters.

Eye: May cause mild irritation with redness and tearing.

Skin: May cause mild irritation.

Inhalation: Dust may cause irritation of the mucous membranes and upper respiratory tract.

Ingestion: May cause gastrointestinal irritation. Product gets hot in contact with water so can cause burns in contact with moist body tissues.

Chronic effects: None known.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental effects.

Mutagenic Toxicity: None of the components have been found to cause mutagenic effects.

Carcinogenicity: None of the components are listed as carcinogens by IARC, NTP or OSHA.

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Acute Toxicity Values:

Product: Oral rat LD50 >32,000 mg/kg, Dermal rabbit LD50 >2000 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Product: No data available.

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

Hazardous materials that contact the product during normal use may be retained on this product. It is the user's responsibility to identify the hazardous associated with the retained chemicals in order to access the waste description options.

SECTION 14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not regulated			
TDG		Not regulated			
IMDG		Not regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

SECTION 15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Many states have more stringent reporting requirements. Report releases as required by all federal, state and local authorities.

SARA TITLE III:

Hazard Category for Section 311/312: Not hazardous

SARA 313: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

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California Proposition 65: This product is not known to contain regulated chemicals.

EPA Toxic Substances Control Act (TSCA) Status: This product is a manufactured article and not subject to TSCA.

International Inventories: The components of this product are listed on or exempt from the following international inventories: Canadian DSL, Australia, Japan, Korea, China, New Zealand, Philippines.

SECTION 16. OTHER INFORMATION

NFPA Rating: Health = 1 Flammability = 0 Instability = 1
HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 1

SDS Revision History: Changed manufacturer name from “Wix Filtration Products Division, Affinia Group” to “MANN+HUMMEL Filtration Technology US LLC ”. Changed address from PO Box 1967 Gastonia, NC 28053 to 1 Wix Way Gastonia, NC 28054

Date of preparation: June 15, 2016

Date of last revision: January 11, 2016

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Revision History

Product	Type	Chemical Name	
W1024	Air Dryer Filter	Not Applicable.	
Revision	Description	Effective Date	Signed
A	Revised phone number.	2/3/14	Carmen Reich
B	Converted to GHS format	5/28/15	Angela Rath
C	Section 2 Composition, Section 5 Specific hazards arising from the chemical, Section 8 Exposure limits, Section 9 Appearance, Melting point, Relative Density, pH, Section 10 Reactivity, Possibility of hazardous reactions. Incompatible material, Hazardous Decomposition Products, Section 13 Disposal Considerations, Section 14 International Inventories, Section 16 NFPA, HMIS	1/11/16	Angela Rath
D	Changed manufacturer name from "Wix Filtration Products Division, Affinia Group" to "MANN+HUMMEL Filtration Technology US LLC". Changed address from PO Box 1967 Gastonia, NC 28053 to 1 Wix Way Gastonia, NC 28054	6/15/2016	Ethan Voss