

Safety Data Sheet
W1029W
Air Sentry Silica Gel Silica Desiccant Filter

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Number: W05AX100, W05AX101, W05AX102, W05AX103, W05AX108, W06AX100, W06AX101, W06AX102, W06AX123, W06AX150, W06AX300, W06AX301, W06AX302, W06AX323, W07AX101, W07AX102, W07AX121, W07AX122, W07AX341, W07AX342, W07AX343, W07AX344, W08AX131, W08AX132, W08AX133, W08AX134, W09AX100, W09AX101, W09AX102, W09AX103, W09AX104, W09AX105, W09AX106, W09AX107, W09AX108, W09AX109, W09AX110, W09AX111, W09AX112, W09AX113, W09AX114, W09AX115, W10AX800, W10AX801, W10AX802, W10AX803, W10AX804, W10AX805, W10AX806, W10AX821, W10AX822, W07AX100, W07AX143

Trade Name and Synonyms: Air Sentry Silica Gel Desiccant Filter

Chemical Name and Synonyms: Not Applicable.

Product Use: Desiccant Filter

Restrictions on use: For use in Diesel Engines only.

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
Amorphous Silica Gel	Proprietary	100%

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

SECTION 4. FIRST-AID MEASURES

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Contact with the product should not require first aid. Wash hands after handling. If direct contact with bead occurs from a damaged container, the following first aid should be administered.

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

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

Inhalation: Move to fresh air. If irritation or difficulty in breathing develops, get medical attention.

Ingestion: If swallowed, rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to a drowsy or unconscious person. Get medical attention

Most important symptoms/effects, acute and delayed: None expected under normal conditions of use.

Contact with dust from damaged product may cause mechanical eye and skin irritation. Inhalation of dust may cause irritation of nose and throat.

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

SECTION 5. FIRE-FIGHTING MEASURES

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

Specific hazards arising from the chemical: This product is not flammable or combustible. No combustion products are expected from unused product. Combustion may produce hazardous decomposition products from materials that are absorbed in the product.

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. Wash hands thoroughly after handling.

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

Methods and materials for containment and cleaning up: If product is not damaged, pick up and keep for use. If damaged, collect sweep or scoop beads and place into a container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: No special handling required. In handling damaged products, avoid contact with eyes, skin or clothing. Wash hands after handling.

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

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Synthetic Amorphous Silica, Precipitated	<u>80 mg/m³</u> TWA % SiO ₂
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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 exceeded, a NIOSH approved respirator with dust/mist filters 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 use.

Eye protection: None required for normal handling. If filters are damaged, wear chemical goggles if contact with dust possible.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Yellow to green, solid beads media in an orange plastic housing.

Odor: Odorless

Odor threshold: Not applicable	pH: Not applicable
Melting point/freezing point: 2373°F (1300°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: 0.72	Solubility(ies): Insoluble
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: Not expected to react.

Chemical stability: Stable.

Possibility of hazardous reactions: None expected under normal use conditions.

Conditions to avoid: None known.

Incompatible materials: Avoid oxidizing agents.

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Hazardous decomposition products: Not expected to decompose under fire conditions. Decomposition may product hazardous chemicals from chemicals that were absorbed.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects: Handling undamaged products will not result in adverse effects. The following information pertains to exposure to unused product.

Eye: Dust may cause mechanical eye irritation.

Skin: Dust may cause mechanical skin irritation.

Inhalation: Dust may cause nose and throat irritation.

Ingestion: Swallowing dust may cause gastrointestinal irritation and nausea

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.

Acute Toxicity Values:

Synthetic Amorphous Silica, Precipitated: No toxicity data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Synthetic Amorphous Silica, Precipitated: No data available

Persistence and degradability: No data available.

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.

SECTION 14. TRANSPORT INFORMATION

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	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

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

EPA Toxic Substances Control Act (TSCA) Status: All the components are listed on the TSCA inventory.

SECTION 16. OTHER INFORMATION

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

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

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Date of preparation: June 15, 2016
Date of last revision: January 11, 2016

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Revision History

Product	Type	Chemical Name	
W1029	Air Sentry Silca Gel Silica Desiccant Filter	N/A	
Revision	Description	Effective Date	Signed
A	New SDS	1/11/16	Angela Rath
B	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