



# Safety Data Sheet

Date SDS Prepared: January, 2024

<b>1. Product and Company Identification</b>	
. Product name	Triboelectric Filter Media Part Number: TB-series
. Manufacturer	KJ Filtration Technologies, Ltd. 149 Haishan Rd., Sec 2, Luchou Hsiang Taoyuan Hsien, Taiwan 338 Tel: +886 3 354 7040 / Fax: +886 3 354 4896 <a href="http://www.kjfiltration.com">http://www.kjfiltration.com</a>
<b>2. Hazards Identification</b>	
. Hazardous reactions	No significant hazards associated with this material
<b>3. Main Ingredient</b>	
.. Chemical characterization	Polypropylene Staple Fiber
. CAS number	9003-07-0
. Wt %	45~65%
.. Chemical characterization	Mod acrylic Staple Fiber
. CAS number	63231-45-8
. Wt%	Compensated
<b>4. First Aid Measure</b>	
. General advise	In any exposure routes, immediate first aid is not likely to be required.
. Skin contact	Burn caused by molten material require immediate hospital treatment.
<b>5. Fire Fighting Measure</b>	
. Extinguishing media	Water, foam, or dry extinguishing media
. Special exposure hazards in case of fire	None
. Hazardous combustion products	May release CO, CO <sub>2</sub> , HCl, NH <sub>3</sub> , HCN, NO <sub>x</sub>
. Special protective equipment required	Self contained breathing apparatus
<b>6. Accidental Release Measures</b>	
. Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing vapors, mist or gas.
. Environmental precautions	Do not let product enter drains.

<b>7. Handling and Storage</b>	
. Handling	Handle in accordance with good industrial hygiene and safety practices.
. Storage	Stable under normal conditions of handling and storage. Keep out of sunlight, sources of heat, and water. Should be kept indoors.
<b>8. Exposure Controls / Personal Protection</b>	
. Exposure guidelines	Does not cause significant eye irritation or eye toxicity which require special protection.
. Indications for engineering controls	Does not require special attention.
. Personal protective equipment	Does not require special protective gear under normal conditions.
<b>9. Physical and Chemical Properties (typical)</b>	
. Appearance	Non-woven needle punched felt
. Odor	odorless
. Color	white
. Density	70~320g/m <sup>3</sup>
. pH	7~11
. Melting point	>1600C (3200F)
. Flash point	>3290C (6250F)
. Auto-ignition point	>3570C (6750F)
. Flammability	Not Classifield
. Explosive Properties	-
. Oxidising Properties	None
. Vapour Pressure	Not applicable
. Solubility in water	Not soluble in water
. Solubility in other solvent	Dimethyl formamide, dimethyl acetamide, acetone
. Octanol/Water Partition coefficient	No data available
<b>10. Stability and Reactivity</b>	
. Stability	Stable
. Conditions to avoid	High temperature
. Materials to avoid	Solvents and strong oxidizing agents.
. Hazardous reaction	Hazardous polymerization does not occur
<b>11. Toxicological Information</b>	
. Effects on men	No effects from chronic exposure are known.
. Ingestion	Oral dosage of 100mg/kg was performed and no

	sign of acute of oral toxicity was shown.
<b>12. Ecological Information</b>	
. Mobility	Airborn dust
. Ecotoxicity	None
. Persistence and degradability	The product is non-biodegradable
. Bio accumulative potential	They are expected to be non-biodegradable and unlikely to bio-concentrate
. Other adverse effects	No studies have been found
<b>13. Disposal Considerations</b>	
. Waste and spattered packing	To conform with relevant current regulations.
<b>14. Transport Information</b>	
. Classification	Not classified as hazardous under transport regulations.
<b>15. Regulatory Information</b>	
Please refer to any other national measures that may be relevant.	
<b>16. Other Information</b>	
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The information contained in this SDS is not meant to be all-inclusive. It is prepared in good faith and believed to be accurate at the time of preparation. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with local laws.