

## **Safety Data Sheet**

Date SDS Prepared: January, 2024

1. Product and Company Identification	
. Product name	Triboelectric Filter Media
. I Toddet Harrie	Part Number: TB-series
. Manufacturer	
. Manuacturei	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
2 11 11 11 11	http://www.kjfiltration.com
2. Hazards Identification	
. Hazardous reactions	No significant hazards associated with this material
3. Main Ingredient	
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
4. First Aid Measure	
. 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.
5. Fire Fighting Measure	
. Extinguishing media	Water, foam, or dry extinguishing media
. Special exposure hazards in case of fire	None
. Hazardous combustion products	May release CO, CO2, HCI, NH3, HCN, NOx
. Special protective equipment required	Self contained breathing apparatus
6. Accidental Release Measures	
. Personal precautions, protective equipment and	Avoid dust formation. Avoid breathing vapors, mist or
emergency procedures	gas.
. Environmental precautions	Do not let product enter drains.

7. Handling		
and safety practices.  Stable under normal conditions of handling and storage.  Keep out of sunlight, sources of heat, and water. Should be kept indoors.  8. Exposure Controls / Personal Protection  Exposure guidelines  Does not cause significant eye irritation or eye toxicity which require special protection.  Indications for engineering controls Personal protective equipment Does not require special attention.  Personal protective equipment Does not require special protective gear under normal conditions.  9. Physical and Chemical Properties (typical) Appearance Non-woven needle punched felt Odor Odor Odor Odor Odor Pensity Po-320g/m3 PH 7-11 Melting point Plash properties Poticipation point Plash properties Poticipation point Plath properties Poticipation point Plath properties Poticipation point Plath properties Poticipation properties Potici	7. Handling and Storage	
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8. Exposure Controls / Personal Protection  Exposure guidelines  Does not cause significant eye irritation or eye toxicity which require special protection.  Indications for engineering controls Personal protective equipment  Does not require special attention.  Personal protective equipment  Non-woven needle punched felt Odor Odor Odor Odor  Density Ph  7-11  Melting point Flash point Flash point Flash point Subdising Properties  Not Classifield Explosive Properties  Not Classifield  Explosive Properties None Not soluble in water Solubility in water Solubility in other solvent Octanol/Water Partition coefficient  No Stability Cenditions to avoid High temperature Hazardous reaction  Hazardous reaction  No effects from chronic exposure are known.		storage.
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Exposure guidelines  Does not cause significant eye irritation or eye toxicity which require special protection.  Indications for engineering controls Personal protective equipment Does not require special attention.  Personal protective equipment Does not require special protective gear under normal conditions.  Physical and Chemical Properties (typical) Appearance Non-woven needle punched felt Odor Odor Appearance Non-woven needle punched felt Odor Density To-320g/m3 T-11 Melting point Flash point Flash point Say90C (6250F) Auto-ignition point Say90C (6250F) Flammability Not Classifield Explosive Properties Oxidising Properties None Vapour Pressure Not applicable Solubility in water Solubility in water Solubility in other solvent Dimethyl formamide, dimethyl acetamide, acetone No data available  10. Stability Conditions to avoid High temperature Materials to avoid High temperature Materials to avoid Hazardous reaction  No effects from chronic exposure are known.		Should be kept indoors.
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9. Physical and Chemical Properties (typical)  Appearance Non-woven needle punched felt odorless Color white Density 70–320g/m3  pH 7-11  Melting point >1600C (3200F) Flash point >3290C (6250F) Auto-ignition point >3570C (6750F) Flammability Not Classifield Explosive 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  10. Stability Autorial Stability Conditions to avoid High temperature Materials to avoid Solvents and strong oxidizing agents. Hazardous reaction Hazardous polymerization does not occur  11. Toxicological Information Effects on men No effects from chronic exposure are known.	. Indications for engineering controls	Does not require special attention.
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. Hazardous reaction Hazardous polymerization does not occur  11. Toxicological Information . Effects on men No effects from chronic exposure are known.	. Conditions to avoid	High temperature
11. Toxicological Information  . Effects on men  No effects from chronic exposure are known.	. Materials to avoid	Solvents and strong oxidizing agents.
. Effects on men No effects from chronic exposure are known.	. Hazardous reaction	Hazardous polymerization does not occur
	11. Toxicological Information	
. Ingestion Oral dosage of 100mg/kg was performed and no	. 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.
12. Ecological Information	
. 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
13. Disposal Considerations	
. Waste and spattered packing	To conform with relevant current regulations.
14. Transport Information	
. Classification	Not classified as hazardous under transport
	regulations.
15. Regulatory Information	
Please refer to any other national measures that	
may be relevant.	
16. Other Information	
. Date SDS Prepared	January, 2024

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.