


Anthracite Filter Media

(Granular coal)

Effective date 1 January 2021

SECTION 1: Identification	
1A: Product Names	ResinTech Anthracite filter media
1B: Common Name	Anthracite Filter media
1C: Intended use	Filtration media and support bed for various resin products.
1D: Manufacturer Address	ResinTech, Inc. 1801 Federal Street, Camden, NJ 08105 USA
Contact Information:	856-768-9600 ixresin@resintech.com

SECTION 2: Hazard Identification	
2A: OSHA Hazard classification 0 = Negligible 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Not hazardous or dangerous Health - 0 (0 = Negligible) Fire - 0 (0 = Negligible) Reactivity - 0 (0 = Negligible) Special - N/A
 WARNING	(contains granular anthracite coal) H320: Causes eye irritation (Category 2B) H335: May cause respiratory irritation (Category 3)* * chronic risk from breathing dust

Revision 1.0

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SECTION 2: Hazard Identification Continued	
Precautionary Statements	<p>P261: Avoid breathing dust/fume/gas/mist/vapors/spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection</p> <p>P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.</p> <p>P333+313: If skin irritation or a rash occurs: Get medical advice/attention.</p> <p>P337+313: If eye irritation persists get medical advice/attention.</p> <p>P403+233: Store in a well-ventilated place. Keep container tightly closed.</p>
2B: Product description	Black granules with no odor.
2C: Precautions for use	Safety glasses and gloves recommended. Avoid breathing dust. Dust mask or respirator recommended for poorly ventilated spaces.
Potential health effects	Will cause eye irritation. Dust can irritate respiratory tract. Ingestion is not likely to pose a health risk.
2D: Environmental effects	Little or none.

SECTION 3: Composition/ Information on Ingredients	
3A: Chemical name	Granular coal
3B: Ingredients - Anthracite	CAS# 8029-10-5 (> 99%)

SECTION 4: First Aid Measures	
4A: Inhalation	Move to fresh air. Give oxygen if necessary. Seek medical attention if necessary.
4B: Skin	Wash with soap and water- seek medical attention if a rash develops.

SECTION 4: First Aid Measures Continued	
4C: Eye contact	Wash immediately with water—seek attention if discomfort continues.
4D: Ingestion	No adverse effects expected for small amounts, larger amounts can cause stomach irritation. Seek medical attention if discomfort occurs.

SECTION 5: Fire Fighting Measures	
5A: Flammability	NFPA Fire rating = 1
5B: Extinguishing media	Water, CO ₂ , foam, dry powder
5C: Fire fighting Procedures	Follow general fire fighting procedures indicated in the work place. Seek medical attention if discomfort continues.
5D: Protective Equipment	MSHA/NIOSH approved self-contained breathing gear, full protective clothing.
5E: Combustion Products	Carbon oxides and other toxic gasses and vapors.
5F: Unusual Hazards	Coal dust in air can be explosive.

SECTION 6: Accidental Release Measures	
6A: Personal Precautions	Wear gloves and safety glasses to minimize skin or eye contact.
6B: Incompatible Chemicals	None known.
6C: Environmental Precautions	Keep out of public sewers and waterways.
6D: Containment Materials	Use plastic, paper, or metal containers.
6E: Methods of Clean-up	Sweep up material and transfer to containers.

SECTION 7: Handling and Storage	
7A: Handling	Avoid prolonged skin contact.
7B: Storage	Store in a cool dry place (0° to 50° C) in the original shipping container. This product is not thermally sensitive and is not damaged by freezing.

SECTION 8: Exposure Controls/Personal Protection	
8A: Personal Precautions	None noted.
8B: Incompatible Chemicals	Provide adequate ventilation.
8C: Personal Protection Measures	Eye Protection- Safety glasses or goggles. Respiratory Protection - Dust mask or respirator recommended for poorly ventilated spaces. Protective Gloves - Not required for limited exposure but recommended for extended contact.

SECTION 9: Physical and Chemical Properties	
Appearance	Black granules.
Flammability or explosive limits	Flammable, dust is weakly explosive.
Odor	None
Physical State	Solid
Vapor pressure	N/A
Odor threshold	N/A
Vapor density	N/A
pH	Near neutral (6 to 8 typical)
Relative density	Approx 900 grams/Liter
Melting point/freezing point	Does not melt or freeze
Solubility	Insoluble in water and most solvents
Boiling point	Not determined
Flash point	N/A
Evaporation rate	Does not evaporate
Partition Coefficient (n-octanol/water)	N/A
Auto-ignition temperature	Does not ignite
Decomposition temperature	Not determined
Viscosity	N/A

SECTION 10: Stability and Reactivity	
10A: Stability	Stable under normal conditions.
10B: Conditions to Avoid	None known.
10C: Hazardous by-products	N/A
10D: Incompatible materials	Strong Oxidizing agents such as H ₂ O ₂ and HNO ₃ .
10E: Combustion Products	Does not occur

SECTION 11: Toxicological Information	
11A: Likely Routes of Exposure	Oral, skin or eye contact.
11B: Effects of exposure	Delayed - None known. Immediate (acute) - None known. Chronic - None known.
11C: Toxicity Measures	Skin Adsorption - Unlikely. Ingestion - Oral toxicity believed to be low but no LD50 has been established. Inhalation - Unknown, dust can irritate upper respiratory tract.
11D: Toxicity Symptoms	Skin Adsorption - Mild rash. Ingestion - Indigestion or general malaise. Inhalation - Unknown.
11E: Carcinogenicity	None known

SECTION 12: Ecological information	
12A: Eco toxicity	Not harmful to plant or animal life.
12B: Mobility	Insoluble.
12C: Biodegradability	Not biodegradable.
12D: Bioaccumulation	Insignificant.
12E: Other adverse effects	Not Harmful to the environment.

SECTION 13: Disposal Considerations	
13A: General considerations	Material is non-hazardous.
13B: Disposal Containers	Most plastic and paper containers are suitable.
13C: Disposal methods	No specific method necessary
13D: Sewage Disposal	Not recommended
13E: Precautions for incineration	None.
13F: Precautions for landfills	Adsorbents used to remove hazardous materials may then become hazardous mixtures.

SECTION 14: Transportation Information	
14A: Transportation Class	Not classified as a dangerous good for transport by land, sea, or air.
14B: TDG	Not regulated.
14C: IATA	Not regulated.
14D: DOT (49 CFR 172.101)	Not regulated.

SECTION 15: Regulatory Information	
15A: CERCLA	Not regulated
15B: SARA Title III	Not regulated
15C: Clean Air act	Not regulated
15D: Clean Water Act	Not regulated
15E: TSCA	Not regulated
15F: Canadian Regulations	WHMIS - Not a controlled product TDG - Not regulated
15G: Mexican Regulations	Not Dangerous

SECTION 16: Other Information	
<p>This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that their activities comply with federal, state, and local laws.</p>	
16A: Date of Revision	1 January 2021