What is claimed is:

1. A shielding filler, wherein, the shielding filler adopts melamine sponge as a carrier and surfaces thereof are covered with FeO_x/graphene;

wherein, the FeO_x exists in the following forms: one or more of Fe, FeO, Fe_2O_3 or Fe_3O_4;

the FeO_x accounts for 5% to 99% of the total mass of the shielding filler, and the graphene accounts for 1% to 95% of the total mass of the shielding filler,

the shielding filler has a porosity of 65% to 85%, a saturation magnetization of 86 to 95 emu/g, a coercive force of 158 to 210 Oe, and a response frequency band of 100 kHz to 18 GHz,

wherein, the shielding filler is prepared according to the following steps:

(1) preparing an aqueous dispersion solution of Fe^{3+} - graphene oxide;

(2) impregnating the melamine sponge with the Fe^{3+} - graphene oxide solution to adsorb the Fe^{3+}-graphene oxide solution, oven drying; and

(3) the Fe^{3+} -graphene oxide/melamine sponge obtained in step (2) is heated to 300℃ to 1200℃ for heat treatment, ground and sieved to obtain an FeO_x/graphene electromagnetic shielding filler.

2. The shielding filler according to claim 1, wherein, step (1) specifically comprises the following steps: adding an iron salt into an aqueous dispersion solution of graphene oxide, and controlling the concentration of Fe^{3+} to be 5 mg/ml to 500 mg/ml;

and/or, the concentration of the aqueous dispersion solution of graphene oxide is 0.5 mg/ml to 5 mg/ml;

and/or, the iron salt is one or more selected from $Fe(NO_3)_3$, $FeCl_3$, $Fe_2(SO_4)_3$, and iron acetate.

3. The shielding filler according to claim 2, wherein the concentration of the aqueous dispersion solution of graphene oxide is 1.0 to 5.0 mg/ml.

4. The shielding filler according to claim 1, wherein, in step (3), the Fe^{3+} -graphene oxide/melamine sponge obtained in step (2) is heated to 500 to 800℃ for heat treatment, ground and sieved to obtain an FeO_x/graphene electromagnetic shielding filler;

and/or, the heating rate is 1 to 20℃/min.

5. The shielding filler according to claim 4, wherein the heating rate is 5 to 10℃/min.

6. Use of the shielding filler according to claim 1 in the electromagnetic shielding material for trains, aircrafts, ships or transformers.

7. A shielding coating, which is formed by mixing a component A and a component B in a molar ratio of $(\text{-OH})_A$:$(\text{-NCO})_B$ = 1:1, wherein, the component A is prepared from the following raw materials in parts by weight: 25 to 55 parts of fluorocarbon resin, 5 to 25 parts of elastic polyester resin, 20 to 30 parts of the shielding filler according to claim 1, 1.5 to 4 parts of auxiliary agent, and 5 to 10 parts of mixed solvent; and

the component B is isocyanate.

8. The shielding coating according to claim 7, wherein, the fluorocarbon resin is an ethylene polymer grafted with fluorine atoms;

and/or, the elastic polyester resin is an elastic polyester modified acrylic resin, and molecular formula of the elastic polyester modified acrylic resin contains irregular polyols with a high relative molecular mass and long-chain fatty acids.

9. The shielding coating according to claim 8, wherein, the fluorocarbon resin is ~~GK570,~~ polychlorotrifluoroethylene/vinyl ether resin (FEVE).

~~10. The shielding coating according to claim 8, wherein, the elastic polyester resin is FTH elastic resin.~~

~~11~~10. The shielding coating according to claim 7 or 8, wherein, the auxiliary agent is one or more selected from defoaming agent, leveling agent, dispersant agent or thixotropic agent.

~~12~~11. The shielding coating according to claim ~~11~~10, wherein, ~~the defoaming agent is selected from BYK-530A, BYK110 or Deuchem 6800;~~

~~and/or, the leveling agent is selected from BYK-320, EFKA3777 or EFKA-2022;~~

~~and/or,~~ the thixotropic agent is one or more selected from polyamide wax, organic bentonite or fumed silica;

and/or, the mixed solvent consists of xylene, ethyl acetate, and cyclohexanone in a mass ratio of (2.0 to 5.0) : (1.5 to 4.0) : (2.5 to 6.0).

~~13~~12. The preparation method of the shielding coating according to any one of claims 7 to ~~12~~11, wherein, the method comprises the following steps:

(1) adding the fluorocarbon resin, elastic polyester resin, and auxiliary agent into 2/3 of the mixed solvent, mixing and stirring, slowly adding the electromagnetic shielding filler, dispersing evenly, then grinding to a fineness of 40 μm, adding the remaining mixed solvent, adjusting the system viscosity to 800 to 1000 cp, filtering and discharging to obtain component A; and

(2) mixing the component A and component B, and stirring uniformly to prepare the electromagnetic shielding coating.

~~14~~13. Use of the shielding coating according to any one of claims 7 to ~~12~~ 11 in the electronic device in the fields of rail vehicles, aircrafts, ships or transformers.

~~15~~14. An electronic device, wherein, the electronic device comprises the coating layer prepared from the shielding coating according to any one of claims 7 to ~~12~~11.