CLAIMS

1. A moisture-proof insulating material comprising a styrene-based thermoplastic elastomer, a tackifier and a solvent, wherein the solvent contains an aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C and an aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C; and a weight ratio between the aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C and the aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C ranges from 50:50 to 95:5.

~~2. The moisture proof insulating material according to claim 1, wherein the solvent further contains an aliphatic hydrogen solvent having a boiling point of 110°C or more and less than 140°C.~~

~~3. The moisture-proof insulating material according to claim 2, wherein a weight ratio between the aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C and the aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C, contained in the moisture-proof insulating material, ranges from 50:50 to 95:5.~~

2 ~~4~~. The moisture-proof insulating material according to ~~any one of claims~~ claim 1 ~~to 3~~, wherein the aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C is cyclohexane and/or methylcyclohexane.

3 ~~5~~. The moisture-proof insulating material according to ~~any one of claims~~ claim 1 or 2 ~~to 4~~, wherein the aliphatic hydrocarbon solvent having a boiling point ~~of 110°C or more and less than 140°C is at least one~~

selected from the group consisting of cis-1,2-dimethylcyclohexane, cis-1,3-dimethylcyclohexane, cis-1,4-dimethylcyclohexane, trans-1,2-dimethylcyclohexane, trans-1,3 dimethylcyclohexane, trans-1,4-dimethylcyclohexane and ethylcyclohexane.

4 ~~6~~. The moisture-proof insulating material according to any one of claims 1 to ~~5~~ 3, wherein the total amount of the styrene-based thermoplastic elastomer and the tackifier is 20 to 40 percent by weight based on the total weight of the moisture-proof insulating material; the total amount of the solvent is 60 to 80 percent by weight; the weight ratio between the styrene-based thermoplastic elastomer and the tackifier, contained in the moisture-proof insulating material, ranges from 2:1 to 10:1; the aliphatic hydrocarbon solvent that is contained in the moisture-proof insulating material and has a boiling point of 80°C or more and less than 110°C is 50 percent by weight or more based on the total amount of the solvent; and, further, the moisture-proof insulating material has a viscosity of 1.5 Pa·s or less at 25°C.

5 ~~7~~. The moisture-proof insulating material according to any one of claims 1 to ~~6~~ 4, wherein the styrene-based thermoplastic elastomer is at least one selected from the group consisting of styrene-butadiene block copolymer elastomer, styrene-isoprene block copolymer elastomer, styrene-ethylene/butylene block copolymer elastomer and styrene-ethylene/propylene block copolymer elastomer.

6 ~~8~~. The moisture-proof insulating material according to any one of claims 1 to ~~7~~ 5, wherein a content of a structural unit derived from styrene contained in the styrene-based thermoplastic elastomer is 15 to 50 percent by weight based on the total amount of the styrene-based

thermoplastic elastomer.

7 ~~9~~. The moisture-proof insulating material according to any one of claims 1 to ~~8~~ 6, wherein the tackifier is a petroleum-based resin tackifier.

8 ~~10~~. An electronic component insulation-processed by using the moisture-proof insulating material ~~according to any one of claims 1 to 9~~ 7.

CLAIMS

1. A moisture-proof insulating material comprising a styrene-based thermoplastic elastomer, a tackifier and a solvent, wherein the solvent contains an aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C and an aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C; and a weight ratio between the aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C and the aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C ranges from 50:50 to 95:5.

2. The moisture-proof insulating material according to claim 1, wherein the aliphatic hydrocarbon solvent having a boiling point of 80°C or more and less than 110°C is cyclohexane and/or methylcyclohexane.

3. The moisture-proof insulating material according to claim 1 or 2, wherein the aliphatic hydrocarbon solvent having a boiling point of 110°C or more and less than 140°C is at least one selected from the group consisting of cis-1,2-dimethylcyclohexane, cis-1,3-dimethylcyclohexane, cis-1,4-dimethylcyclohexane, trans-1,2-dimethylcyclohexane, trans-1,3 dimethylcyclohexane, trans-1,4-dimethylcyclohexane and ethylcyclohexane.

4. The moisture-proof insulating material according to any one of claims 1 to 3, wherein the total amount of the styrene-based thermoplastic elastomer and the tackifier is 20 to 40 percent by weight based on the total weight of the moisture-proof insulating material; the total amount of the solvent is 60 to 80 percent by weight; the weight ratio between the

styrene-based thermoplastic elastomer and the tackifier, contained in the moisture-proof insulating material, ranges from 2:1 to 10:1; the aliphatic hydrocarbon solvent that is contained in the moisture-proof insulating material and has a boiling point of 80°C or more and less than 110°C is 50 percent by weight or more based on the total amount of the solvent; and, further, the moisture-proof insulating material has a viscosity of 1.5 Pa·s or less at 25°C.

5. The moisture-proof insulating material according to any one of claims 1 to 4, wherein the styrene-based thermoplastic elastomer is at least one selected from the group consisting of styrene-butadiene block copolymer elastomer, styrene-isoprene block copolymer elastomer, styrene-ethylene/butylene block copolymer elastomer and styrene-ethylene/propylene block copolymer elastomer.

6. The moisture-proof insulating material according to any one of claims 1 to 5, wherein a content of a structural unit derived from styrene contained in the styrene-based thermoplastic elastomer is 15 to 50 percent by weight based on the total amount of the styrene-based thermoplastic elastomer.

7. The moisture-proof insulating material according to any one of claims 1 to 6, wherein the tackifier is a petroleum-based resin tackifier.