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(54) **FLAME RESISTANT HOTMELT ADHESIVE**

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(58) **Field of Classification Search**

None
See application file for complete search history.

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(57) **ABSTRACT**

A hotmelt adhesive composition comprising 15 to 45% by weight of at least one tackifying resin, and 20 to 60% by weight of a mixture of at least one single-site catalyzed propylene homopolymer (A) and at least one propylene copolymer (B), wherein the propylene homopolymer (A) has a weight average molecular weight of 20,000 to 145,000, the propylene copolymer (B) has an ethylene comonomer content of 5 to 25% by weight, and the weight ratio of propylene homopolymer (A) to propylene copolymer (B) is from 1:3 to 3:1, wherein the hotmelt adhesive further comprises at least one of the following two components (a) and (b): (a) a particulate phosphorous based compound in an amount of 15 to 40% by weight, or (b) a room temperature liquid phosphorous based compound in an amount of 4 to 15% by weight.

20 Claims, No Drawings