CLAIMS

1. A pavement marking tape, comprising:

a base layer comprising

at least one non-crosslinked elastomeric polymer, and

an extender resin that comprises a halogenated polymer or a halogenated wax; and

a topcoat comprising a urea-modified polyurethane that is the reaction product of an aspartic ester polyamine, a polyisocyanate, and a polyol.

2. The pavement marking tape of claim 1, wherein the aspartic ester polyamine has a molecular weight of at least 460.

3. The pavement marking tape of claim 1, wherein the base layer comprises a halogenated wax and is substantially free of halogenated polymer.

4. The pavement marking tape of claim 1, wherein the base layer is substantially free of chlorine.

5. The pavement marking tape of claim 1, wherein in the base layer the extender resin is present in an amount of between about 10 and about 70 parts per 100 parts of non-crosslinked elastomeric polymer, by weight.

6. The pavement marking tape of claim 1, wherein the non-crosslinked elastomeric polymer is selected from a group consisting of acrylonitrile-butadiene polymers, neoprene, natural rubber, polyacrylates, and styrene-butadiene polymers.

7. A method of forming a pavement marking tape, comprising:

forming a topcoat comprising a reaction product of a mixture comprising

(a) a first topcoat component comprising a polyol and an aspartic ester polyamine, and

(b) a second component comprising a polyisocyanate; and

applying the topcoat to a base layer comprising

at least one non-crosslinked elastomeric polymer, and

an extender resin that comprises a halogenated polymer or a halogenated wax.

8. The method of claim 7, wherein the aspartic ester polyamine has a molecular weight of at least 460.