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**Gasa et al.**

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(54) **LOW TEMPERATURE CURABLE ADHESIVE COMPOSITION AND ARTICLES INCLUDING THE SAME**

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CPC ..... **C09J 4/06** (2013.01); **C08F 220/1811** (2020.02); **C08F 220/281** (2020.02);  
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CPC ... **C09J 7/35**; **C08K 3/013**; **C08K 3/04**; **C08K 3/36**; **C08K 5/5397**; **C08F 220/281**; **C08F 220/1811**; **C08F 222/1061**; **C08F 236/22**  
See application file for complete search history.

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(57) **ABSTRACT**

A one part curable adhesive composition that includes a multifunctional (meth)acrylate oligomer the homopolymer of which has a glass transition temperature (T<sub>g</sub>) of at least 100° C., and a first (meth)acrylate monomer exhibiting a viscosity of no greater than 1000 centipoise (cP) at 25° C., the first (meth)acrylate monomer being at least one of a (meth)acrylate monomer whose homopolymer has a T<sub>g</sub> of at least 100° C. and (alkoxy) tetrahydrofurfuryl (meth)acrylate, the curable adhesive composition exhibiting a viscosity of no greater than 100,000 cP when measured at 25° C. and a shear rate of 20 sec<sup>-1</sup>.

**20 Claims, 4 Drawing Sheets**

