

Abstract**Composition**

The present invention provides a coating composition comprising:

a corrosion and erosion resistant metal oxide selected from silicon oxide, aluminium oxide, zirconium oxide, mica, zinc oxide, or a mixture thereof;

a high temperature resistant metal oxide selected from chromium oxide, titanium dioxide, or a mixture thereof; and

a binder comprising alkali metal silicate and alkali metal feldspar,

wherein the weight ratio of alkali metal silicate to alkali metal feldspar is in the range 4.0 to 10.0 : 1.

Figure 1