

FIREPROOF COATING MATERIAL

ABSTRACT

The present application discloses a fireproof coating material, and belongs to
5 the technical field of fireproof coatings. The fireproof coating material includes
40-80 parts of an aqueous curing agent, 20-50 parts of water and 80-200 parts of a
mother liquor of the fireproof coating material, wherein the mother liquor of the
fireproof coating material consists of 50-80 parts of a flame retardant, 15-25 parts
of a dispersant and 190-220 parts of water. The flame retardant used can not only
10 effectively improve the problems of poor compatibility and mixing uniformity of
a flame retardant with an aqueous latex in the existing fireproof coating material,
but also can utilize O and H contained in a flame retardant system to form a
carbonized layer during dehydration to isolate oxygen, preventing combustion,
and enhancing the fire retardant performance.

15 **The most illustrated drawing: Figure 1**