



CANADA Patent 2,707,319

Content of FN2[®], and FN3[®] Nano

Non-Toxic Photocatalytic Coatings

List of Ingredients: Water, titanium dioxide (TiO₂), zinc oxide (ZnO), magnesium oxide (MgO), calcium oxide (CaO), calcium carbonate (CaCO₃), magnesium carbonate (MgCO₃), sodium carbonate (NaCO₃), potassium carbonate (KCO₃), calcium hydroxide (Ca(OH)), magnesium hydroxide (Mg(OH)).

The calcium, magnesium, sodium, potassium, zinc, and titanium dioxide are suspended in water. When the water suspension is spread over a surface, the mineral compounds, except the titanium dioxide, form a porous inorganic substrate which allows the nanocrystals of titanium dioxide to be exposed on the surface and thus act as powerful photocatalysts.

None of the ingredients of the FN[®] Nano Photocatalytic coatings are toxic or cause any harm to multi-cellular organisms. Titanium dioxide, has been approved by the Canadian Food inspection Agency as safe food color additive.

The minerals calcium, magnesium, sodium, potassium and zinc are indispensable elements present in the human body. The natural compounds of these elements, such as zinc oxide, calcium carbonate (the substance of eggshells), magnesium hydroxide, etc. are either dietary supplements, and/or medications.

