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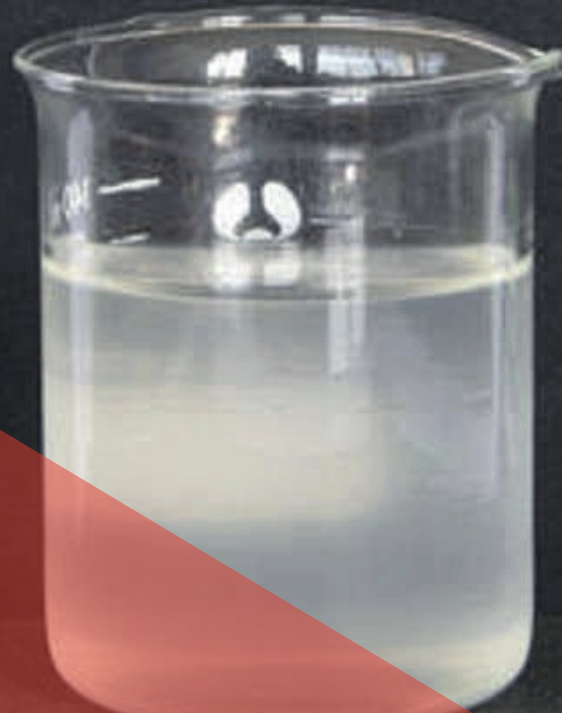
BANNER ENTERPRISE

We are manufacturing of ceramic body binder, Inorganic Binder(SLS REPLACEMENT), Liquid Sodium Polyacrylate, Zirconium Replacement, Nano Chemical,SLS Powder,Alumina Pebbles.

CERAMIC BODY BINDER

Binders are substances that improve the mechanical strength of green ceramic bodies so they can pass through production steps, before firing, without breakage. In many cases, binder additions to bodies are essential (without them some production processes would be impossible). For instance, in the pressing process of powders, adding organic binders makes possible a forming method that is independent of the plasticity).

- There are a wide variety of binders used in traditional ceramics, including natural products, like cellulose or clays, and synthetic products, like polyacrylates or polyvinyl alcohol.
- Acrylic-based polymers are common binders that impart high green strength (>2 MPa) at low concentrations (<5.0 vol%). Strength at low binder concentrations may be determined by chemical bonding at the ceramic-polymer interface.



ZIRCONIUM REPLACEMENT

The new whitening composition can be successfully used as a substitute of the standard whitening composition with the zirconium Replacement. The newly developed composition has been prepared without using imported zirconium Powder, which has remarkably decreased the costs and also eliminated the dependence on foreign materials.

Go with the Trend to get stable with Market for better cost and quality.



SLS POWDER

Used as a filler and binder in ceramic tiles, resins to fiber boards, casting sand and in fodder pellets.

Work as a binder of powder and granular materials: for iron ore powder, lead and zinc powder, pulverized coal, coke Toner pressure on the ball; extrusion of cast iron, cast steel sand repression; mud-brick wall and floor tiles molding; mineral aggregate into a ball and provides high strength, good stability, lubrication and mold good results.

Work as dust-suppression roads as well as in dusty processes within industry. Ligne sulfonate is used as a dispersant in products like fodder, disperse pesticides, dyes, carbon black, and other insoluble solids and liquids into water.

Work as plasticizer in making concrete n making concrete to maintain the ability of concrete flow with less water. Also used during the production of cement, where they act as grinding aids in the cement mill and as a raw mix slurry deflocculant (that reduces the viscosity of the slurry).



SLS POWDER



INORGANIC BINDER (SLS REPLACEMENT)

Inorganic binders have a couple of very important characteristics: they are inexpensive and are not subject to attack by microorganisms. Another big bonus is that they never cause black coring.



ALUMINA PEBBLES

Alumina grinding ball is used as grinding media for ceramic body and glaze preparation, Thanks to the excellent wear resistance and hardness, it is suitable for both wet and dry grinding in both continuous ball mill and batch ball mill.



LIQUID SODIUM POLYACRYLATE

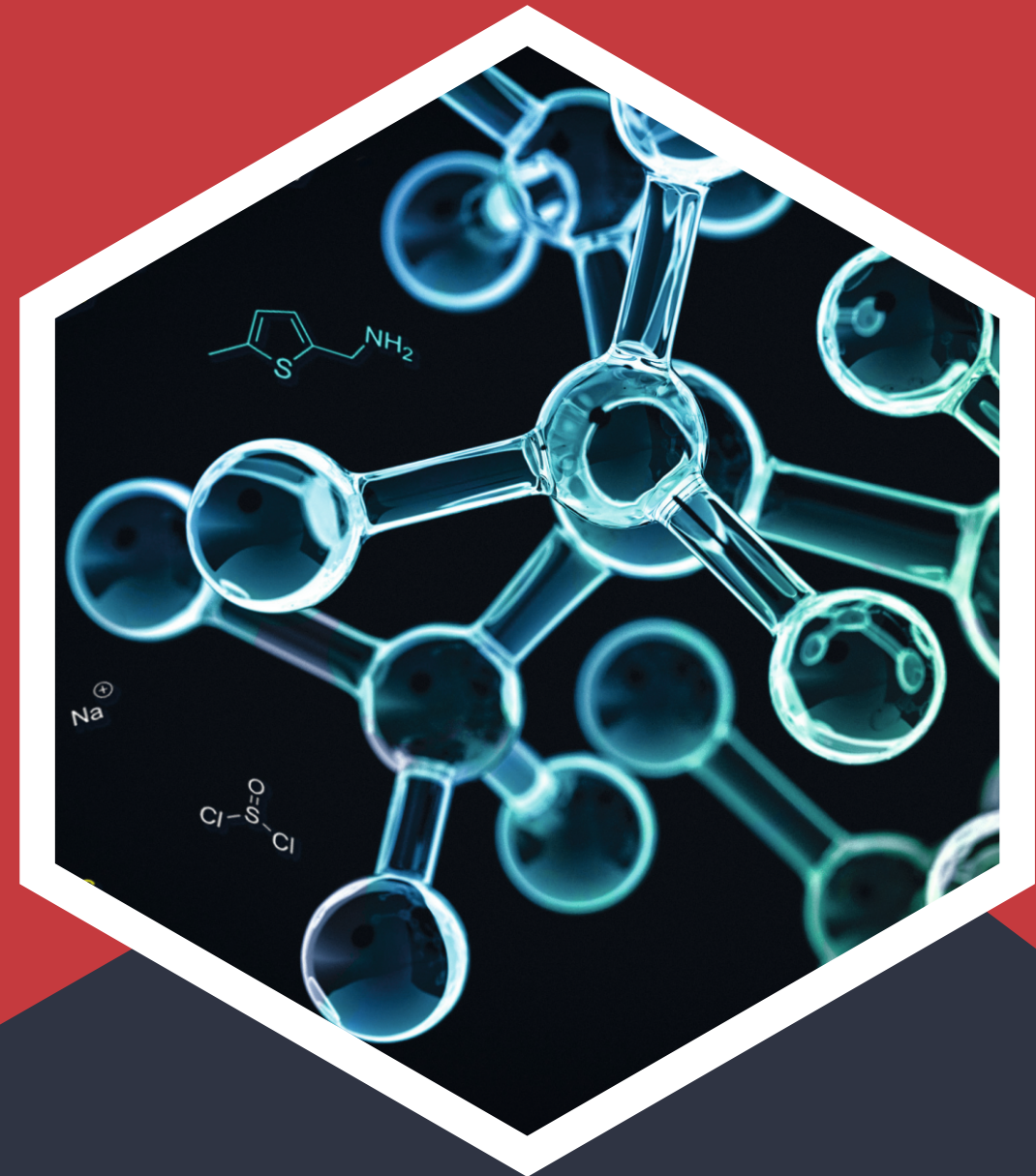
LIQUID SODIUM POLYACRYLATE

Our Product find application in ceramic industry, particularly in the wet milling process. In wet grinding process when particles are crushed in ball mill to breakdown into smaller particles the viscosity of the slurry increases due to formulation of new surface area these increasing viscosity affects the grinding process. Liquid Sodium Polyacrylates disperses the newly form clay particles and reduced the viscosity of the slurry and provide efficiency in milling process. This Product provides multifold benefit in ceramic industry like :

Offers high reduction in water this saves lot of time and cost in next spray drying process.

Reduce viscosity and stable dispersion of the slurry facilitates easy handling and storage of the slurry.

These Liquid provide a cost effective replacement for Powder sodium tripolyphosphate (STPP).



NANO CHEMICAL

Nano chemicals for vitrified tiles fill the micro cracks or tiny pores on the tile surface and form a dense protective layer. The nano polished tiles have shiny effects and are easy to clean. The nano chemicals for tiles are available in water-based chemicals as well as in oil-based chemicals. Oil-based chemicals are more expensive than water-based chemicals.

Nano chemical used for making vitrified tiles surface smoother and higher Gloss for tiles polish on the surface. A – chemical used for brightness on a tile surface. Have a glossy mirror finish over tiles—water base and colourless. Improve the glossiness of polishing tiles.