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CHEMICAL DISPERSIONS -DLD's-

AKROSORB™ 19251 -72% TAIC (Triallyl Isocyanurate Absorbed on Synthetic Calcium Silicate)

PRODUCT DESCRIPTION:

Akrosorb 19251 is a dry powdered dispersion of TAIC absorbed on a synthetic calcium silicate, which is used in conjunction with peroxides to improve crosslink performance. This powdered form offers the compounder an easier, more accurate means of handling and weighing liquid products.

TYPICAL PROPERTIES:

Specific Gravity	1.30
Appearance	tan to beige powder
Percent Active.....	72

APPLICATION:

Akrosorb 19251 (72% TAIC) is an effective coagent for peroxide cured polymers especially saturated and partially saturated backbone types like EPDM, CPE, EVA, FKM and HNBR. Being a type two coagent, TAIC has minimal effect on scorch compared to type one c-agents like acrylated and imide functional co-agents (TMPTMA, ZDA, HVA-2, etc.). Utilizing Akrosorb 19251 will provide the following benefits: lower compression set, higher modulus, higher hardness, lower compound viscosity and improved oil, fuel and chemical resistance. A typical loading of Akrosorb 19251 is between 0.70 phr - 4.20 phr (0.5 - 3.0 active TAIC).

ADVANTAGES:

Dry liquid dispersions (DLDs) are a proven means of upgrading plant safety, efficiency, quality and raw material control.

Akrochem dry liquid dispersions eliminate the messiness of weighing liquids, as well as other potential hazards in handling liquids in the plant. The “dry” physical form is easy to handle and weigh accurately. With a dispersion, better, uniform mixing, at lower processing temperatures is possible.

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