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"Dutch Boy"

TRIBASE-E

STABILIZER FOR VINYL ELECTRICAL INSULATION



A PRODUCT DEVELOPMENT OF NATIONAL LEAD COMPANY

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"Dutch Boy"

TRIBASE-E

TRIBASE-E is a basic lead silicate sulphate compound. It is a soft white powder which answers the vinyl electrical insulation industry's demand for a relatively low gravity stabilizer with exceptional heat and electrical stability.

TRIBASE-E has a total lead content equivalent to 69% PbO and its available safe basic lead content is 45.5%. This available basic lead content is far greater than the common lead pigments, i.e. basic lead carbonate (78-81% PbO) and basic lead silicate (80% PbO). In addition it has a much lower specific gravity which means the volume cost is substantially lower.

Uses

TRIBASE-E is a special stabilizer for vinyl electrical insulation compounds. It takes advantage of the electrical properties of lead silicates without sacrificing moisture repellency. **TRIBASE-E**'s high available and safe reactive lead content precludes the possibility of *gassing* from either absorbed moisture or reacted combined lead. The *safe* basic lead content guarantees good long time heat and electrical aging properties in the vinyl insulation compound. The low specific gravity of **TRIBASE-E** makes this material the most economical "White Litharge" type compound available. Its unique composition as evidenced by high refractive index and low specific gravity makes available a low volume cost, highly reactive, *safely* basic lead stabilizer. A comparison of **TRIBASE-E**'s electrical properties with those of DUTCH BOY **TRIBASE** is most favorable.

Table of Properties

Composition	Basic Lead Silicate Sulphate
Form	Extremely fine powder
Color	White
Specific Gravity	3.55
Refraction Index	2.0
Lead Content (% PbO)	69
Available safe and reactive basic lead content (% PbO)	45.5
Silicon Dioxide (% SiO_2)	22.9
Sulfur Trioxide (% SO_3)	6.5

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