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"Dutch Boy" INVIN[®] 85

INVIN 85 is a liquid barium-cadmium-zinc stabilizer. It is the result of a program aimed specifically at the stabilization of vinyl plastic systems. INVIN 85 combines the following properties in an outstanding combination:

1. Excellent Heat and Light Stability
2. Remarkably Low Viscosity—both initially and after aging
3. Excellent Air Release Properties
4. High Clarity
5. Resistance to Yellowing and Surface Stain

Heat and Light Stability—Plastics and organosols require special attention in compounding for optimum heat and light stability. INVIN 85 has been designed for just such a purpose. It imparts heat stability of the highest order, allowing successful color control in all industrial heat processing cycles. INVIN 85 further provides a high degree of light stability, suitable for outdoor applications of plastic and organosol products.

Low Viscosity—An important consideration in plastic formulation is the increase in viscosity of the mix which results from addition of many stabilizers. INVIN 85 is remarkable in this respect, in that plastics containing this stabilizer show very low initial viscosity. Since this low value is proportionately maintained during aging, problems of pot life and storage are minimized.

Air Release—The elimination of entrapped air is necessary in most cases, immediately after the preparation of the plastic. Laboratory tests show that stocks containing INVIN 85 release their air in the shortest time, when compared with other barium-cadmium stabilizers recommended for plastics.

Summary—INVIN 85 has been balanced especially for plastics and organosols. It was designed for this purpose, which makes it specifically applicable to dispersion resin systems. It is unique in its combination of high heat and light stability, good viscosity control and rapid air release. In addition, INVIN 85 is also highly resistant to the staining effects of sulfides. INVIN 85 improves the range of flexibility available in the formulation of plastics and organosols. Its low viscosity and rapid air release characteristics permit the use of components such as plasticizers and fillers which are desirable but might otherwise be excluded.

* INVIN and "Dutch Boy" are trademarks of the National Lead Company for stabilizer compounds.



"Dutch Boy"
INVIN[®]
85

New Stabilizer
for
Vinyl Plastics

A
Product Development
of
National Lead Company

Continued

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