NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

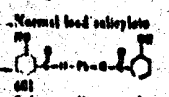
NORMASAL®

NORMASAL, the normal lead salt of salicylic acid, is a soft, creamy white, crystalline powder which is of interest in the improvement of light, heat, and moisture resistant characteristics of a variety of organic products.

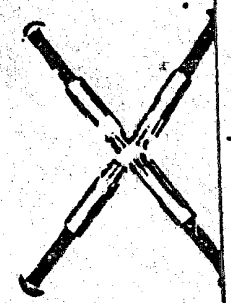
NORMASAL combines the stabilizing characteristics of both lead oxide and salicylic acid from which it is made. It has a high degree of ultra-violet light absorption in combination with some organic media. It imparts exceptional light fastness to organic films, and hence, NORMASAL is particularly well adapted as a stabilizer in the plastic and protective coating industries.

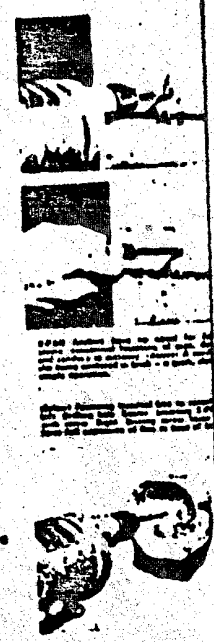
NORMASAL is insoluble in the common hydrocarbon solvents and just slightly soluble in water. Its solubility in glycols and their derivatives will aid in the dispersion of this material in paints and vinyl plastics.

Table of Properties

Composition	Normal lead salicylate
Formula	
Molecular Weight	681
Form	Soft crystalline powder
Color	Creamy white
Refractive Index (average)	1.76
Specific Gravity	2.36
Weight per Gallon	19.7 lb.
Lead Oxide Content (% PbO)	66.0-66.5
Moisture (loss at 105°C)	0.1% max.
Oil Absorption	35 g oil per 100 g
Fineness (Retained on No. 325 sieve)	0.1% max.
Solubility	0.1% soluble in water at 25°C. Soluble in glycols and glycol ethers. Slightly soluble in methyl and ethyl alcohol. Insoluble in common aromatic and aliphatic hydrocarbons.







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NORMASAL

Normal lead salt of salicylic acid is a new product for the improvement of paints, plastics and rubber.

A
Product Development
of
National Lead Company

Continued

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