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"Dutch Boy"
MEPAC S

A FAST BODYING,
MODIFIED SOYBEAN OIL



A Product Development of
NATIONAL LEAD COMPANY

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"Dutch Boy" MEPAC S

MEPAC S is a modified oil derived from soybean. MEPAC S is designed particularly for use in the production of high quality, pale varnishes. Many of its properties, however, suggest its use also in various paint formulations where high gloss is a prerequisite. MEPAC S is a drying oil which, in many respects, will prove superior to dehydrated castor, linseed, soybean, and other similar drying oils. Varnishes formulated with MEPAC S are fast bodying and fast setting, and will produce tough, hard films resistant to moisture and alkali.

Advantages of MEPAC S

Fast Coaking Varnishes—The coaking times of varnishes are appreciably shortened by using MEPAC S instead of either linseed or dehydrated castor oils of the same viscosity. MEPAC S is produced at 22 viscosity, which decreases the coaking time required and helps to produce pale varnishes of low acid number.

Non-Filmforming—The non-filmforming properties long associated with soybean oil are retained in MEPAC S.

Fast Drying—MEPAC S produces varnishes that dry to touch quickly and tough dry to form hard, tough films.

Water Resistant—MEPAC S varnishes possess good moisture and alkali resistance.

Improved Gloss—Although it is primarily a varnish oil, MEPAC S may be used also to impart improved gloss to paints.

Fast Bodying—MEPAC S has a bodying rate which is much faster than soybean and considerably faster than linseed oil, thus ensuring rapid, economical heat processing.

TABLE OF PROPERTIES

Viscosity.....	22
Color (Gardner 1933).....	10
Appearance.....	Clear
Acid Value.....	7
Saponification Value.....	230
Iodine Value.....	100
Refractive Index.....	1.466
Pounds per Gallon.....	8.67

Uses

MEPAC S has application in a wide variety of varnish formulations. In general, it may be used wherever a high quality, fast bodying, drying oil is required.

MEPAC S is compatible with all types of resins commonly employed in varnish making. MEPAC S varnishes are fast coaking, fast setting, and produce particularly tough, hard films resistant to moisture and alkali. The non-filmforming character of MEPAC S particularly suggests its use in varnishes intended for vehicles in oil or light colored coatings.

MEPAC S may be used to impart increased gloss to certain paints formulated with inorganic pigments.

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NLI 114314B

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TABLE OF PROPERTIES

Viscosity	22
Color (Gardner PHB)	30
Appearance	Clear
Acid Value	7
Saponification Value	120
Refractive Index	1.486
Pounds per Gallon	8.87

Uses

MEPAC S has application in a wide variety of varnish formulations. In general, it may be used wherever a high quality, fast bodying, drying oil is required.

MEPAC S is compatible with all types of resins commonly employed in varnish making. MEPAC S varnishes are fast cooking, fast drying, and produce pale, tough, hard films resistant to moisture and alkali. The non-yellowing characteristics of MEPAC S particularly suggest its use in varnishes intended for vehicles in white or light colored coatings.

MEPAC S may be used to impart increased gloss to certain paints formulated with inorganic pigments.

MEPAC S

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of MEPAC S

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