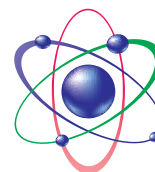


Alkamino™ UF 658

Highly Butylated Urea Formaldehyde Resin

**ALKANE**
CHEMICAL CORPORATION

Highly Butylated urea formaldehyde resin with outstanding adhesion, good solvent, oil and grease resistance and excellent stability. It is reactive with hydroxyl and carboxyl group.

Fast curing, good gloss, color and color retention in baking/stoving enamel. High gloss and very good build in nitrocellulose lacquer. Excellent stability in acid curing products. Higher degree of curing can be achieved if weak acid catalyst is used. It can be used in combination with MF resins.

Area of Application

- Backing/Stoving enamels
- Nitrocellulose lacquers
- Acid curing products
- Wood Coatings
- Coil and Can Coatings
- As a flow promoter for epoxy coatings

Typical Properties

Solid Content (120°C for 2 hours)	65± 2%
Viscosity @ 25°C	10 – 20 Poise
Acid Value (mg KOH/gm)	3 Max
Color (APHA/Pt-Co)	80 Max
Specific Gravity @ 25°C	1.00 – 1.05

Solubility

Butanol	Complete Soluble
Xylene	Complete Soluble
Methyl Ethyl Ketone	Complete Soluble
Butyl Acetate	Complete Soluble
White Spirit / MTO	1 : 2-3
Turpentine	Limited Soluble

Compatibility

Short Oil Alkyd in Xylene/Toulene	Complete Compatible
Polyster polyol	Complete Compatible
Nitrocellulose solutions	Complete Compatible
Epoxy resin based products	Complete Compatible
Epoxy Phenolics	Complete Compatible
Long Oil/Medium Oil in WS/MTO	Not Compatible

Delivery Form

- 65 ± 2% in n-butanol

Packing

- 200 kg Net weight
- Other packs are available on request

Health and Safety Information

Direct contact with this material can cause eye irritation and may cause skin irritation. Overexposure to formaldehyde and n-butanol vapors from this product may cause eye and respiratory track irritation.

For material handling, healthy and safety information please refer material safety data sheet

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DISCLAIMER

All statements, technical information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

The information provided herein was believed by Alkane Chemical Corporation ("Alkane") to be accurate at the time of preparation, but its responsibility of users to investigate and understand other pertinent source of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use.

The information contained herein is offered without charge for use by technical qualified personnel at their discretion and risk.