SHREENATHJI
RASAYAN PRIVATE LIMITED

SHREEBOND BU-8

TECHNICAL DATASHEET

INTRODUCTION

Shreebond BU-8 resin stands out as a crosslinking agent with partial n-butylation, and it's supplied in n-butanol. Notably, this resin possesses a lower molecular weight compared to the majority of butylated urea resins, resulting in a favorable combination of reduced bulk viscosity and an enhanced ability to tolerate hydrocarbons. Furthermore Shreebond BU-8 resin showcases impressive compatibility with various hydrophobic resins, particularly epoxies, thereby contributing to superior leveling and adhesion properties. This resin is highly recommended for utilization as a crosslinking agent in laminate bonding, primer coatings, can coatings, and metal decorative finishes.

APPLICATIONS

- LAMINATE BONDING
- CAN & CONTAINER COATINGS
- DRUM COATING FORMULATIONS
- METAL DECORATIVE FINISHES
- INDUSTRIAL BAKING FORMULATIONS

BENEFITS

- SUPERIOR ADHESION PROPERTIES
- EXCELLENT FLOW PROPERTIES
- VERY GOOD HYDROCARBON TOLERANCE
- HIGH COMPATIBILITY WITH HYDROPHOBIC RESINS

TECHNICAL SPECIFICATIONS

Property	Limit
Physical Appearance	Colorless clear liquid
Clarity	Clear
Non-volatile content (150°C for 1 hr.)	58 - 62%
Viscosity @ 25°C, (Brookfield)	1000 - 1500 cPs
Acid Value (mg KOH/gm)	< 3
Free Formaldehyde	< 1%

FORM OF DELIVERY (F.O.D.): 200 kg drum (60% ± 2% in n-butanol)

TOLERANCE SPECIFICATIONS

Solvent	Tolerance
M.T.O	1: 2 - 3
Xylene	1: Infinite

STABILITY

In the original sealed containers, this product is stable for 18 months at temperatures up to 100°F.

STORING AND HANDLING GUIDELINES

It is essential to prevent the product from being exposed to elevated temperatures, direct sunlight, sources of ignition, oxidizing agents, alkaline substances, or acidic environments. When storing and handling, utilize containers made of stainless steel, amber glass, amber polyethylene, or those lined with baked phenolic material. After handling, be sure to perform a thorough wash. Keep the container securely closed and ensure adequate ventilation during use.