

GALSTAFF MULTIRESINE

SPECIALITY RESINS AND AUXILIARIES

Data Sheet

Date of issue: 04 March 2005

Ref: MP/dt

ITAMIN BG 141

Butylated benzoguanamine/formaldehyde resin

CHARACTERISTICS (INTERNAL METHODS)

• Appearance	Clear liquid
• GARDNER Colour	1 max
• Solid content (2 hours, at 105°C)	68% ± 2
• Solvent/s	n-Butanol/Xylene
• Acid value, on solid	2 mgKOH/g, max
• GARDNER Viscosity, at 25°C	G – K
• Brookfield Viscosity, at 25°C	200 ÷ 350 mPas/s
• Free formaldehyde	1% max

APPLICATIONS

ITAMIN BG 141 is a reactive benzoguanamine resin to be used, in combination with polyesters, acrylics and/or epoxies, for exterior can coatings, either base-coat or OPV. The main properties of ITAMIN BG 141 are: high reactivity; high gloss; good sterilization resistance; good flexibility.

COMPATIBILITY

ITAMIN BG 141 is compatible with the full range of ITAMIN; with nitrocellulose; alkyd resins; epoxy and epoxy-modified resins; acrylic and polyester resins. Anyhow, due to the huge number of available resins, preliminary tests are suggested.

SOLUBILITY

ITAMIN BG 141 has a very wide range of solubility with alcohols, acetates, ketones and aromatic solvents. It has a poor tolerance to the aliphatic solvents.

SAFETY AND WAREHOUSING

ITAMIN BG 141, if stored in original sealed container, in protected area, at a room temperature not higher than 35°C, has a shelf life of 12 months, from the production date. The same temperature has to be applied in case of storage in tank.

For all information related to handling and toxicological knowledge about this resin, please refer to the Safety Data Sheet.

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THE INFORMATION CONTAINED HEREIN IS BASED ON OUR CURRENT KNOWLEDGE AND EXPERIENCE BUT IS SUPPLIED WITHOUT GUARANTEE

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