

GALSTAFF MULTIRESINE

SPECIALITY RESINS AND AUXILIARIES

Technical Data Sheet
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ITAMIN M 174

Medium-high reactive melamine/formaldehyde resin, n-Butanol etherified

CHARACTERISTICS (INTERNAL METHODS)

• Appearance	Clear liquid
• Gardner Colour	1 max
• Solids content %	75 ± 2
• Solvent(s)	n-Butanol
• Acid value, on solid	2 mgKOH/g, max
• Gardner Viscosity, at 25° C	Z3 – Z5
• Brookfield Viscosity at 25° C	6000 ÷ 9000 mPas/s
• Free formaldehyde %	1 max

APPLICATIONS

ITAMIN M 174 is suggested for the formulations of stoving enamels combined with short-oil alkyd resins, whenever higher solids content is required. Thanks to its good compatibility with acrylic resins, it can be used for the formulations of stoving enamels with outdoor chemical resistance.

The cured layer is characterized by:

- very low formaldehyde release
- high solids content
- excellent chemical resistance
- high gloss and good flow

COMPATIBILITY

ITAMIN M 174 is easily combined with several reaction partners; in any case, preliminary tests are always recommended.

SOLUBILITY

ITAMIN M 174 is soluble in alcohols, esters, ketones. It is partially soluble in aliphatics and aromatic hydrocarbons.

SAFETY AND WAREHOUSING

ITAMIN M 174, if stored in original, sealed container, in protected area, at a room temperature not higher than 30°C, has a shelf life of 6 months, from the production date. The same conditions have to be applied even for the 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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