

VBM201

INDUSTRIAL VAPOR BARRIER COATING



TECHNICAL DATA SHEET

VBM201 has been specifically formulated to provide a vapor barrier against hazardous fumes in industrial environments. Manufacturing processes that use acid baths and fertilizer storage facilities can sustain irreparable damage to their steel structures even when using galvanized steel or employing other corrosion protection measures. The corrosive fumes in these environments attack the steel infrastructure much more rapidly than simple moisture. **VBM201** with its unique resin and extender matrix provides the barrier features necessary to slow down and prevent the corrosive fumes attacking the exposed steel or diffusing through the painted surfaces.

CHEMICAL DATA:

Properties

➤ Specific Gravity	9.97 lbs/gal
➤ System solids	45.0% +/- 0.50% (vol.)
➤ Boiling Point	>100°C (>212°F)
➤ Flash Point	>201° F
➤ Reportable VOC	<100gm/liter
➤ pH	7.5 - 8.5
➤ Viscosity	20,000 cps

PHYSICAL DATA:

Properties

➤ Koenig Hardness	30
➤ Polymerization	Does not occur
➤ Chemical Stability	Stable
➤ Solubility in Water	Totally miscible
➤ Reportable VOC	<100gm/liter
➤ Curing	Air dry
➤ Storage	16° - 25°C (60° to 77°F)

GENERAL INFORMATION

VBM201 is a fume and odor free coating that does not contain ingredients considered hazardous to humans, animals, marine life or the environment. It is easily applied with use of brush, roller or airless low pressure sprayers. A gallon of **VBM201** will cover approximately 200 square feet with two liberal coats and the resulting dry film will have a thickness of 4 mils (approx. 1.0+ mm).

VBM201 cures via air drying and at 77°F and 50% RH the coating will become dry to the touch in less than an hour. The curing process continues over a 48 hour period at which time the coating will achieve its optimal properties. For greater efficacy multiple coats may be applied after allowing the prior coat to become fully dry to the touch. For best results always ensure that the target surface is free and clean of oil, grease and other debris. Do not apply at temperatures below 50°F or above 90°F. Avoid heavy build-up and puddling

Clean spills and spatters immediately with clean water. Clean hands and tools immediately after use to prevent the coating from setting up as the dry coating will be difficult to remove. If the application is via spraying, flush spray equipment with sufficient amount of clean water to prevent any residue of **VBM201** staying in the system and clogging up the mechanism.