

Description

A water-based, heavy duty and robust polymer emulsion designed for high volume roads and areas of high velocity concentrated flow. Applications on areas requiring strong and durable conditions such as civil, construction, mining and regional council roads. **Vital Bon-Matt HR** is a concentrated liquid emulsion which is diluted with water prior to application to create long-term binding, stabilisation and surface sealing.

Recommended Applications

All high traffic unsealed road surfaces requiring dust control, stabilisation including haul roads, civil construction, unsealed roads, traffic areas, long-term sealing and areas exposed to high velocity water flow.

Suitable for use on all traffic areas and areas of harsh environmental conditions.

Features

- Highly effective dust abatement
- High wind speed resistance
- High volume traffic resistance
- Highly effective erosion control and stabilisation
- Long-term capping
- Immobile once cured
- A strong, durable and flexible veneer over the applied surface
- An environmentally safe product with inert degradation products
- High molecular weight polymers

Specifications

Appearance	WHITE LIQUID	Solubility (water)	SOLUBLE
Odour	SLIGHT ODOUR	Vapour pressure	NOT AVAILABLE
Flammability	NON FLAMMABLE	Upper explosion limit	NOT RELEVANT
Flash point	NOT RELEVANT	Lower explosion limit	NOT RELEVANT
Boiling point	NOT AVAILABLE	Partition coefficient	NOT AVAILABLE
Melting point	NOT AVAILABLE	Autoignition temperature	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE	Decomposition temperature	NOT AVAILABLE
pH	7.0 – 9.5	Viscosity	NOT AVAILABLE
Vapour density	NOT AVAILABLE	Explosive properties	NOT AVAILABLE
Specific gravity	1.04 (Approximately)	Oxidising properties	NOT AVAILABLE
		Odour threshold	NOT AVAILABLE
		% Volatiles	NOT AVAILABLE

Application Methods

Vital Bon-Matt HR is applied via water cart dribble bar, spray nozzle systems, side spray or hand held hose.

It is preferable for road areas to be dressed prior to application for product longevity.

Water carts should be semi-filled with water prior to the addition of the **Vital Bon-Matt HR** concentrate. This order of filling assists mixing of product and water within the cart and ensures the concentrate does not fill the sprayer lines and dribble bar.

Dilution Rates

Due to numerous variables associated with surface composition and the level of control required, it is not practical to list a standard application rate. Onsite analysis and assessment by our *Technical Representatives* will ensure the optimum application is employed for each individual site.

A generalised surface coverage of diluted product equates to: **1L solution : 1m² surface**

Maintenance

Maintenance will vary according to road or site specifications. Once effectiveness is reduced, more dilute **Vital Bon-Matt HR** applications can be employed if required.

Cleaning of Water Cart and Pumps

Water cart pumps and application devices must be flushed with water immediately after **Vital Bon-Matt HR** application runs.

Shelf Life

Vital Bon-Matt HR should be stored at a temperature of min. +5°C to max. +45°C. Shelf life is approximately 12 months.

Vital Bon-Matt HR must be kept in closed drums/containers or closed tanks. Containers must be closed tightly to avoid contact with air, which can contribute to product contamination.

Do not keep pre-diluted product for longer than 2 days as the shelf life is drastically reduced once contaminants (such as water) are introduced.

Packaging

Vital Bon-Matt HR is supplied in 20L drums, 1,000L IBCs and bulk volumes.

Precautions

Vital Bon-Matt HR contains no hazardous substances requiring labelling. For more information, refer to Safety Data Sheet.

For any further product or application advice or instruction, contact Vital Chemical Pty Ltd.

Ensure product concentrate or solution is not sprayed, applied or enabled to enter waterways and water systems.

Contractors must undertake appropriate risk assessments to ensure the safe delivery of the product to the application area.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in the **Vital Chemical Pty Ltd** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **Vital Chemical Pty Ltd** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Vital Chemical Pty Ltd**, are responsible for carrying out procedures appropriate to a specific application.
