



# GETAHINDUS (M) SDN BHD (49583-A)

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## **G-TEX CTN HS 3**

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PB/R2/161216/G-TEX CTN HS 3

**G-TEX CTN HS 3** is a natural rubber latex concentrate obtained by centrifugation and stabilised with cationic charges instead of the usual anionic charges on its rubber particles. This cationic-stabilised latex has been specially developed in an acid medium starting from normally-produced anionic-charged natural rubber latex concentrate.

Being positively-charged, this latex is very suitable for mixing with a wide variety of cationic materials like bitumen emulsions, which are used as surface dressing in road construction. The incorporation of latex in such bitumen dressings has been found to significantly increase the durability and performance quality of such roads.

### **1. TYPICAL PROPERTIES**

Appearance	- White latex
Total Solid Content (%)	- 64.5
MST @ 55% TSC (sec.)	- 1800
Coagulum Content (ppm)	- 30
B/F Viscosity, 2/60 at 26±2 °C (cps), undiluted	- 250
pH	- 4.80
Specific Gravity	- 0.95

### **2. APPLICATION**

**Mixing in bitumen emulsion** : Normally about 5 to 10% by wt. of **G-TEX CTN HS 3** is added into bitumen emulsion to confer better adhesion between the positively-charged bitumen particles and the negatively-charged stone/sand aggregates. Dilution of this latex, if needed, can be done simply by adding water to it. However, if its pH rises substantially, a small amount of 0.1% hydrochloric acid solution should also be added.

### **3. PACKING**

**G-TEX CTN HS 3** is packed in high density polythene (HDPE) drums of net weight 200 kg or delivered in larger bulk quantities using appropriate tanks.

### **4. STORAGE**

It is recommended that this product be stored in a sheltered premise, away from direct exposure to sunlight or subjected to temperatures above 35°C, but also not in extremely cold or freezing conditions. Some creaming of the product may occur over a long storage period, and if this has happened, stirring or gentle agitation is required to re-disperse the cream into the bulk of the latex before use.

A properly stored product should have a best used period up to 6 months. Longer storage than this period is however not recommended.

### **5. TECHNICAL SERVICE AND INFORMATION**

The GETAHINDUS TECHNICAL TEAM comprises of qualified and experienced personnel. All R & D works are carefully thought of and meticulously planned when developing new products and materials to suit customers' requirements. All technical information and samples for evaluation are readily available. For any enquiry, please contact our Sales & Marketing Department.

### **6. HEALTH HAZARD AND SAFETY**

**G-TEX CTN HS 3** is a latex concentrate containing hydrochloric acid and hence the normal precautions taken in the handling of such acid solutions must be strictly followed. It should not be ingested or consumed. Avoid direct contact with the skin and eyes. If latex is accidentally splashed onto any part of the body or eyes, wash the affected area immediately with plenty of running water and seek medical advice if there is pain or sign of redness. No adverse physiological reaction has been observed in the use of this product when it was handled correctly and used in the manner suggested above.