



*catalyst of change !*

## Alchemix Pte Ltd

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## Anti Termite P 3151

Updated : April 2013

### Introduction

Aegis Anti termite P 3151 is formulated to protect polymeric products, installed underground or otherwise, against termite attacks. The masterbatch is commonly used in pipes, trunkings, injection parts, cables etc.

Aegis Anti termite P 3151 is an innovative product from Alchemix as it is the first environmentally friendly product of its kind. The active ingredients consist of a PYRETHROID which acts as a repellent as well as a termiticide as the last form of defense of the product. Natural forms of pyrethroid called pyrethrins are found in Chrysanthemum flowers.

The active ingredients exhibit low migration from the finish product and are harmless to humans and plant foliage.

Key advantages of the masterbatch are;

- Excellent protection against termite attacks
- Environmentally friendly, heavy metal free
- Low dosage level
- Compatible with a variety of resins such as PE, PE-copolymers, EVA, PP, PVC etc.
- Easy to store, handle and process
- Does not require special equipment to process
- colorable

### Typical Properties

Form : Free flowing pallets  
Color : Opaque whitish grey  
Odor : Mild

### Recommended Dosage

Dosage : 3-3.5% by weight of polymer or compound

### Processing conditions

Aegis Anti termite B 3151 can be processed by most polymer processing equipment, including extrusion machine, injection machine, internal mixer etc.

The concentrate may be tumble mixed with base polymer before processing or added using on-line volumetric or gravimetric dosing units.

No adjustment to the processing equipment, conditions and temperature is required. It is recommended to use the same processing parameters as suggested for the base polymer or compound.

Pre-drying of concentrate is not required.

### Packaging, Handling and Shelf Life

The product is packed in 20 Kg net laminated paper bags with sealed PE inner-liner. Products should be stored in cool and dry conditions.

Opened bags should be sealed if content is not expected to be used in a short period of time.

The shelf life of the masterbatch in unopened bags is 2 years from the manufacturing date.

### Transportation

ADR/RID : Free

IMDG : Free

IATA : Free

### About the company

Alchemix Pte Ltd is a Singapore registered company specializing in technology transfer, development and

production of specialty products for the cable industry. Kindly contact us at

[plexchem@plexchem.com.sg](mailto:plexchem@plexchem.com.sg) if you need further information or if you need an MSDS.

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