



*Specialty Master Batches for Plastics*

High Performance Materials and Equipment

Updated : Jun 2014

## RODENTIA™

### (Anti-Rodent Masterbatch TDS)

#### Introduction

RODENTIA™ is formulated to protect polymeric products, installed underground or otherwise, against rodent attacks. The masterbatch is commonly used in pipes, trunkings, injection parts, cables etc.

RODENTIA™ is an environmentally friendly product based with EVA. The active ingredients used are non-toxic rodent repellent, which deters rodent attack but does not kill the rodents. It causes an extremely unpleasant sensation when rodents tried to bite the finished products. Such intense and unpleasant sensation deters rodents from further attempts to attacks.

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 rodent

Environmentally friendly, heavy metal free

Low dosage level

Compatible with varieties of resins including PE, PE-copolymers, EVA, PP, PVC etc.

Easy to store, handle and process

Does not require special equipment to process

colorable

#### Typical Properties and Recommended Dosage

Form : Free flowing pallets

Color : Opaque whitish grey

Odor : Extreme

Dosage : 3.5-4% by weight of polymer or compound

## Processing conditions

**RODENTIA™ 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**

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