

COATING WITH REPELA™

REPELA™ is a non-toxic aversive meant to deter rodents and other animals from chewing. It is available with concentrations of up to 50% active ingredients, in micro-crystalline wax or PVC as a carrier. Repela to be used with any polymer, and is compatible with most thermoplastic and thermo-setting polymers. Repela's granular form in wax provides enhanced dispersion and uniform distribution. A dosage of 0.2-0.3% of Repela in the polymer is usually sufficient to display its highest efficiency and performance. Depending on specific requirements, the dosage may be reduced or may need to be increased.

Repela Coatings

To provide animal protection to existing materials, we suggest creating a coating impregnated with Repela.

Begin by heating Repela to 70—80 C (158°—176° F). The wax carrier will melt at this temperature whereas the active ingredient, having a melting point of 1400 C, remains in a solid state dispersed in the melted wax. Add this melted wax mixture to the coating material in a ratio of approximately 1 quart Repela to every 125 gallons paint.

Then apply the melt on the surface with the help of a brush. 1 or 2 layer coating is sufficient for its action.

But due to superficial coating at the surface the duration of effective action is much less as compared to the addition of Repela during the extrusion of the cable/pipe.

The active ingredient of Repela is both stable and inert. It does not react with any of the additives and being used at such low concentrations it does not affect the polymer properties in any way. It does not leach out to pollute the environment nor is effectiveness reduced over time because it is trapped in the polymer matrix. It has a long active life and will continue to perform as long as the product remains intact.