



**CORTEC**  
CORPORATION

*Environmentally Safe VCI Technology*

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## PRODUCT DATA SHEET

### M-124

FUNCTION	APPLICATION	FORM
Additives for molded plastic	OEM	Plastic Pellets

## PRODUCT DESCRIPTION

Design and/or packaging requirements may call for the addition of corrosion protection in a molded plastic part. Cortec M-124 is a new product using injection grade resins in the form of a masterbatch which can be added to the resin prior to making these parts. Depending upon the nature of the part or the protection required, the masterbatch is added at rates of 10 - 20% by weight during the molding run itself. Successful production has been obtained with LLDPE, LDPE and PP resins.

When formulated with your plastics, patented CORTEC® Additives will add constant corrosion protection for most metals and alloys. Many current customers already use masterbatch additives for production of stretch and polyethylene films, antistatic bags, corrugated plastic containers and injection molded parts, for example. Formulation applications are almost endless.

## PRODUCT APPLICATION

The standard M-124 is supplied in a pellet form that contains VCI additive. The pellets are added to injection resin formulation along with coloring additives at 10-20% ratio by weight. The final product after molding will provide long term corrosion protection over a the design life of a component.

In most cases, a trial run using a particular resin is suggested. This masterbatch-resin mixture is then given a production trial and any modifications are made to provide additional properties that are needed. After all science and experience has been applied to accomplishing the product requirements, it is recommended that these products be field tested before putting them into production.