



# PRODUCT DATA

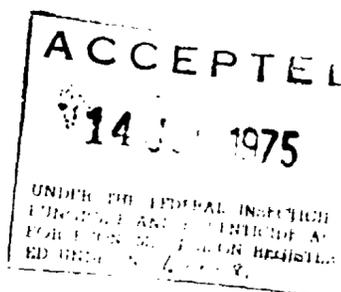
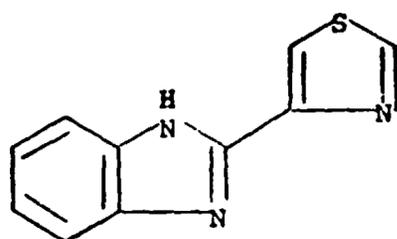
## METASOL TK-100<sup>1</sup> DISPERSION W

Product #91559

A highly active fungicide for the economic control of mildew on adhesives films.

Chemical name: 2-(4-thiazolyl)benzimidazole\*

Structure:



### Specifications:

Active ingredient: 50% 2-(4-thiazolyl)benzimidazole  
Appearance: Flowable, viscous liquid  
Specific gravity: 1.15 at 25°C.  
Pounds per gallon: 9.6

### Recommendations\*\*:

The following concentrations must be used to provide mildew control on water based adhesives films. The concentrations are based on total adhesive formulation weight.

Adhesive Type	Concentration	Adhesive Type	Concentration
Polyvinyl acetate	0.1 - 0.2%	Acrylic	0.1 - 0.2%
Styrene butadiene	0.1 - 0.2%	Dextrin	0.05 - 0.1%
Polyvinyl alcohol	0.1 - 0.2%	Casein	0.3%
Methyl cellulose	0.1 - 0.2%	Epoxy	0.05 - 0.1%
Hydroxyethyl cellulose	0.1 - 0.2%	Polyester	0.1 - 0.2%

\*\*Note: A suitable preservative should be incorporated into aqueous adhesive formulations to inhibit in-can bacterial degradation during shelf storage.

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\*U.S. Patent numbers 3,017,415 and 3,370,957

### Directions For Use

METASOL TK-100 Dispersion W can be incorporated with the make up water or as a post additive in adhesives production.

### Precautions:

Keep out of reach of children.

Harmful if swallowed.

METASOL TK-100 Dispersion W should not be used in adhesives that come into contact with food or in areas where food is exposed.

### Container Disposal:

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

### SERVICE:

Merck Chemical Division maintains fully equipped chemical and microbiological laboratory facilities. These services in problems of preservation and mildew prevention in your formulation are at your disposal without charge.

### NOTICE

Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no warranties which extend beyond the description on the label.