



R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

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Specification

VANOX® MTI

January 26, 2006

RTV Product Code: **53505**
Composition: 2-mercaptotoluimidazole
Physical State: White to off-white powder

	<u>Specification</u>	<u>Test Method</u>
*Ash Content	0.5% maximum	T-4
*Assay	97% minimum	T-719
*Fineness, through 100 mesh	99.9% minimum	T-14
*Heat Loss, 2 hrs at 100-105°C	1.0% maximum	T-1A
*Melting Point, Initial	250°C minimum	T-3B

GENERAL INFORMATION

Typical values not routinely measured or reported on the Certificate of Analysis.

Density at 25°C 1.33 Mg/m³

Solubility - Moderately soluble in acetone and alcohol. Insoluble in water.

*Certified Property

Uses - A non-discoloring, non-staining antioxidant for natural and synthetic rubbers. Suggested as a synergist with AGERITE STALITE S, AGERITE SUPERFLEX SOLID G and AGERITE RESIN D.