

## Technical Data Sheet



### VORAMER™ ME 3513 Adhesive

#### Description

VORAMER ME 3513 is a catalyzed single component, moisture curing, MDI polyurethane adhesive suitable for use as a construction adhesive in the manufactured housing industry. It can also be used as a general polyurethane adhesive.

#### Typical Component Properties

	Units	Values	Test Method
NCO	%	16.7	ASTM D5155
Viscosity	Cps	3500 @ 25°C	ASTM D4889
Specific Gravity	g/mL	1.1	ASTM D891

#### Recommended Process Conditions

VORAMER ME 3513 is designed to be used as an adhesive for adhering drywall to wooden studs for the manufacturing housing industry. It can also be used as a general adhesive on any porous substrate. Two 1/16" beads should be applied to the timber prior to assembling with drywall. Application should take place at temperatures of 50°F and rising. Cooler temperatures and lower humidity will delay the reactivity of the adhesive. Typical working time at 65F and 45% humidity is about 17-23 minutes. The product will be set up in about 42-48 minutes. After fastening, product will set up faster.

#### Handling and Storage

	Units	Limits
Storage temperature	°C	15 to 30
Storage stability / Shelf life <sup>(1)</sup>	months	6

1. Notes: If stored in the original sealed container.

#### Safety Considerations

Material Safety Data (MSD) sheets are available from The Dow Chemical Company. MSD sheets are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSD sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. These are available from the nearest Dow sales office.

#### Customer Notice

Dow encourages its customers to review their application of Dow products from the standpoint of human health and environmental quality. To help ensure that Dow products are not used in ways for which they were not intended or tested, Dow personnel will assist customers in dealing with ecological and products safety. Your Dow sales representative can arrange the proper contacts.

#### Contact information :

For more information about PU Systems products, call The Dow Chemical Company :  
<http://www.dow.com/pusystems/index.htm>

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