

## HUNTSMAN® 200

### TECHNICAL DATA SHEET

**\*APPLICATION**

Huntsman® 200 can be used as isocyanate component with suitable polyols for producing rigid, semi-rigid integral foams, rigid two-component insulating foams, structural foams, elastomers and casting elastomers.

**\*PRODUCT DEFINITION**

Polymethylene-polyphenyl-isocyanate, 4-4'-diphenyl-methane-disocyanate (MDI) and mixture of its higher functionality, multi-ring oligomers.

**\*APPEARANCE**

Brown, dark-brown liquid at room temperature.

**\*PACKAGING**

Huntsman® 200 is filled 250 kg in metal drums, 1250 kg in IBCs or in bulk.

**\*STORAGE & HANDLING**

Containers of Huntsman® 200 should be kept properly sealed and stored indoors in a well-ventilated area under normal factory conditions. Storage at temperatures ranging from 20-30°C provides a convenient viscosity for handling and optimum shelf life. Storage at low temperature is not recommended because it may lead to some crystallisation; this material must therefore be protected from frost. If under abnormal storage conditions some crystallisation does occur. Storage at temperatures above 50°C is not recommended, since this can lead to the formation of insoluble solids and increased viscosity.

Under the recommended storage conditions and if protected from humidity and contaminants, in properly sealed drums, etc., Huntsman® 200 has a provisional storage life of 6 months at the customer. In case of storage in bulk containers, please contact our Sales Representative for further details. Detailed information on how to obtain optimum bulk storage conditions, is available in the ISOPA document Guidelines for Safe Loading/Unloading, Transportation & Storage of TDI and MDI.

Reaction with atmospheric moisture, is prevented by storing Huntsman® 200 in carefully sealed containers under a dry air atmosphere. During handling, the product must be protected from water ingress and from atmospheric moisture. Containers should be re-sealed immediately after each sampling. The reaction of isocyanates with water leads to the formation of insoluble ureas and carbon dioxide gas, which can lead to pressure build-up in closed containers. Containers used for Huntsman® 200 must therefore be absolutely dry.

The precautions necessary when handling Huntsman® 200, i.e. MDI, and the decontamination procedures recommended to be used in case of spillage, are described fully in the Safety Data Sheet.

**\*ENVIRONMENT, HEALTH and SAFETY**

The applicable safety datasheet should be reviewed before handling the product. All users of Huntsman® 200 should read the safety data sheet for hazards and safe-handling procedures.

**\*COMPONENT DATA**

	Unit	Value
Density (20°C)	g/cm <sup>3</sup>	1,23-1,24
Viscosity (25°C)	mPa.s	180-240
NCO percentage	%	30-31,5
Storage Stability	month	6

HUNTSMAN UAE FZE based in DUBAI, UAE is a fully owned subsidiary of Huntsman. Also, the data given in this sheet does not guarantee the character or a special utilization of the material.**HUNTSMAN UAE, FZE**

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