

**Product Data Sheet****SUPRASEC<sup>®</sup> 1004**

Isocyanate

**PRODUCT DESCRIPTION**

SUPRASEC<sup>®</sup> 1004 is a diphenylmethane diisocyanate (MDI).

**TYPICAL PRODUCT IDENTIFICATION**

Typical Product Properties

Properties	Value	Unit	Test method
Appearance	Clear		
Density (25 °C)	1.2	g/cm <sup>3</sup>	PU/SPG-1
Viscosity (25 °C)	12.5	mPa.s	PU/VIS-1
NCO value	32.7	%	PU/IV-1
Flash point (Open cup)	177	°C	
Fire point	207	°C	ASTM92D

**APPLICATIONS**

For information on this product, please contact us at [ACE@huntsman.com](mailto:ACE@huntsman.com); Other contact information is given on the last page.

**STORAGE AND HANDLING**

Containers of SUPRASEC<sup>®</sup> 1004 should be kept properly closed 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. Storage at low temperature is not recommended because it may lead to some crystallisation; this material must therefore be melted according to the procedures given in the publication PU 181-15E. Storage at temperatures above 50°C is not recommended, since this can lead to the formation of insoluble solids and also the viscosity build-up increases on extended storage. Under the recommended storage conditions and if protected from humidity and contaminants, i.e. in properly sealed drums, cans, etc., SUPRASEC<sup>®</sup> 1004 has a provisional storage life of 3 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.

## HEALTH AND SAFETY ADVICE

The appropriate health and safety advice can be found in the safety data sheet for SUPRASEC<sup>®</sup> 1004 available on request. The applicable Safety Data Sheet should be reviewed by customer before handling the Huntsman product.

All users of SUPRASEC<sup>®</sup> 1004 are advised to read the publication PU 193-1E; MDI-based compositions: Hazards and safe-handling procedures.

For further information, please contact your nearest sales office: [http://www.huntsman.com/PU\\_customer\\_service](http://www.huntsman.com/PU_customer_service)

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