



TECHNICAL DATA SHEET

ImIso 2145

Application: ImIso 2145 is a prepolymerized diphenyl methane diisocyanat (MDI)

Specification And Typical properties	Appearance	Brown colored liquid	
	Viscosity at 25 °C	175±50	mPa.s(DIN 53019)
	Density	1.22	g/cm ³ (ASTM D891)
	Flash point	205	°C(ASTM D92)
	Fire point	205	°C(ASTM D92)
	Isocyanat (NCO) value	28.5±0.3	%(ASTM D2572)

**Storage And
Handling**

Containers/drums of ImIso 2145 should be kept properly closed and stored indoors in a well-ventilated area under normal factory conditions.

Recommendations

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 protected from frost. If under abnormal storage conditions some crystallisation does occur, the material should be melted according to the procedures given in the publication IPC E 14. 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., ImIso 2145 has provisional storage life of 6 month at the customer. In case of storage in bulk containers, please contact our Sales Representative for further details.



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Reaction with atmospheric moisture, is prevented by storing ImIso 2527 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 isocyanides 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 ImIso 2145 must therefore be absolutely dry.

Hazards and safe-handling procedures. Should it prove necessary to melt ImIso 2527, procedures are given in the publication IPC E 14

Health And Safety Advice

The appropriate health and safety advice can be found in the safety data sheet for ImIso 2145 available on request. The applicable Safety Data Sheet should be reviewed by customer before handling.

MDI-based compositions : Hazard and safe-handling procedures.
