

Lupranate[®] 5060 Isocyanate

Lupranate[®] 5060 Isocyanate is a low functional prepolymer based on monomeric MDI. Lupranate[®] 5060 isocyanate is suitable for use in a broad range of flexible, semi-flexible, and cast urethane elastomers. In addition, the 15.5% free-NCO of this prepolymer proves useful in fixed-ratio polyurethane and polyurea applications.

TYPICAL PROPERTIES

Appearance	clear liquid
NCO content, wt%	15.5
Viscosity @ 25°C, cps	1000
Flash point, °C (COC)	200
Density @ 25°C, g/cm ³	1.15
Initial boiling point, 5mm Hg, °C	190
Nominal functionality	2
Vapor Pressure @ 25°C, mm Hg	0.00001



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U.S.: www.basf.us/responsiblecare_usa

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

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STORAGE

Lupranate[®] 5060 Isocyanate is supplied in tank trucks and drums. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage of this product is 25-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur. Below 15 °C crystals may form and settle out, which can alter the performance of the product. The solid crystals contain pure MDI and in this solid form may exhibit the same crystallization characteristics as pure MDI. Unless prompt action is taken to melt the product, subsequent dimerization will proceed and may deteriorate the clarity and assay of the product. Melting the crystals is ideally done by rolling the drum in a hot air oven at 60 to 80°C. Drum contents should not be heated above 60°C to minimize dimer formation.

WARNING

Excessive heating or prolonged heating at 60-80°C may cause dangerous pressure build-up.

IN CASE OF CHEMICAL EMERGENCY

Call CHEMTREC (800-424-9300) or BASF (800-832-HELP) day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents. Outside the U.S., call (703-527-3887).

Attention: This product is sold solely for use by industrial institutions. Refer to our Safety Data Sheet (SDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product. An SDS as well as additional information on BASF urethane chemicals may be obtained by visiting polyurethanes.basf.us.

Important: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.** Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by BASF hereunder are provided gratis and BASF assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.