



Lupranate[®] 5330 Isocyanate

Lupranate 5330 is a special blend of monomeric MDI isomers, suitable for use in both one-shot and two-shot urethane formulations. Lupranate 5330 is compatible with a wide variety of polyols and can be used to make prepolymers with good low temperature stability.

TYPICAL PROPERTIES

Appearance	light yellow liquid
NCO content, wt%	33.0
Viscosity @ 25°C, cps	15
Flash point, °C (COC)	> 200
Density @25°C, g/cm ³	1.22
Initial boiling point, 5mm Hg, °C	200
Vapor Pressure @25°C, mm Hg	0.00001

Storage

Lupranate 5330 Isocyanate is supplied in tank trucks, totes and drums. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 20 -35°C. If stored below 10°C, solid crystals may form and settle out, which can alter the performance of the product. Storage above 40 °C will lead to increased rate of uretdione (dimer) formation, which will shorten the shelf life of the product. The shelf life of Lupranate 5330 Isocyanate is six months if the temperature is maintained at 20 to 35°C and moisture is excluded.

Warning

Excessive heating or prolonged heating at 80-100°C may cause dangerous pressure build-up. Heating by electrical means is not recommended due to the danger of local overheating, which would result in dimer formation. Melting in a water bath is not recommended because of the potential danger of the isocyanate reacting with water in case of drum leakage. Rolling the drum in atmospheric steam is an alternate procedure that can be used provided care is taken to ensure that the drum does not leak.

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 telephoning BASF Corporation, Urethane Customer Service at (877) 297-3322 or faxing (734) 324-6866.

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

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