



Lupranate® 5100 Isocyanate

Lupranate 5100 Isocyanate is an isocyanate blend of monomeric and polymeric MDI. Typical use is for flexible slab stock and molded Visco-Elastic memory foams.

TYPICAL PROPERTIES

Appearance	amber liquid
NCO content, wt%	32.6
Viscosity @ 25°C, cps	33
Hydrolyzable chlorine, ppm	< 100
Flash point, °C (COC)	> 200
Density @25°C, g/cm³	1.22
Initial boiling point, 5mm Hg, °C	200
Vapor Pressure @25°C, mm Hg	0.00001

Storage

Lupranat 5100 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 25-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur. Below 15°C, the product becomes difficult to pump and pour. Below 12°C, crystallization may occur. The shelf life of Lupranate 5100 Isocyanate is six months if the temperature is maintained at 25 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:

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