



# Lupranate<sup>®</sup> 5370 Isocyanate

5370 Isocyanate is an aromatic polyisocyanate prepolymer based on polymeric MDI. Lupranate 5370 is intended for the coatings industry as a primer or sealer.

## TYPICAL PROPERTIES

Appearance .....	amber liquid
NCO content, wt% .....	16.5
Viscosity @ 25°C, cps .....	6100
Flash point, °C (COC) .....	> 200
Density @25°C, g/cm <sup>3</sup> .....	1.14
Initial boiling point, 5mm Hg, °C .....	200
Vapor Pressure @25°C, mm Hg .....	< 0.00001

### Storage

Lupranate 5370 Isocyanate is supplied in totes or drums. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 20-35°C. Below 15°C solid crystals may form and settle out, which can alter the performance of the product. Storage above 40 °C for extended periods of time can lead to an increased rate of dimer formation and a gradual increase in product viscosity, which can reduce the shelf life of the product. The shelf life of Lupranate 5370 Isocyanate is six months if the temperature is maintained at 20-35°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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