

Lupranate 8020

Lupranate 8020 Isocyanate is an 80:20 weight percent combination of toluene diisocyanate (TDI) and polymethylene polyphenylisocyanate (polymeric MDI). This product is used in the preparation of polyurethane foams, prepolymers, and elastomers and should be thoroughly mixed before using to ensure uniform isomer distribution and reactivity.

TYPICAL PROPERTIES

Appearance	brown liquid
NCO content, wt%	43.6 - 45.4
Nominal functionality	2.1
Acid content, wt.% HCl max	0.009



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Canada: www.basf.us/responsiblecare_canada

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STORAGE

Store under a dry air (-20°C dew point) or dry nitrogen blanket to exclude moisture. The most favorable storage temperature is between 60°F and 85°F (15.6°C-29.4°C). Storage above 95°F for extended periods may cause a change in product quality. Below 50°F Lupranate 8020 Isocyanate may begin to freeze. If freezing or partial freezing occurs slowly heat the product to 55-75°F to re-liquefy. The product must be thoroughly mixed before using to ensure uniform isomer distribution and reactivity. The shelf life of Lupranate 8020 Isocyanate is nine months if the temperature is maintained at 15-35°C and moisture is excluded.

SHIPPING INFORMATION

20,000-gallon tank cars and 4,500-gallon tank trucks are standard.

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 visiting polyurethanes.basf.us.

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