



Lupranate[®] 5570 Isocyanate

Aliphatic Isocyanate Prepolymer

Lupranate 5570 Isocyanate is an isocyanate terminated polypropylene glycol prepolymer based on hydrogenated 4,4' methylenebis diisocyanate (HMDI) for use in cast elastomers such as tooling resins and decorative applications. Processable at room temperature, LUPRANATE 5570 Isocyanate is clear, light stable with high hardness capabilities.

TYPICAL PROPERTIES

Appearance	liquid
NCO content, wt%	25.8 - 27.0
Viscosity @ 25°C, cps	450
Specific Gravity @25°C	1.08

Storage:

Containers should be kept tightly closed to prevent moisture contamination. HMDI will react slowly with water to form CO₂ gas potentially causing containers to expand and rupture. Do not reseal if contamination is suspected. Use of a dry nitrogen blanket for partial drums is recommended. Storage temperatures for LUPRANATE 5570 isocyanate should be maintained above 77°F (25°C) to prevent crystallization and settling of isomer. The optimal storage temperature range is 86°F (30°C) to 104°F (40°C). Exposure to temperatures over 122°F (204°C) can create excessive pressure potentially causing containers to rupture.

Do not breathe aerosol or vapors. Avoid contact with skin and eyes. Handle in a well ventilated work space. Exposure to vapors of heated HMDI can be dangerous. To heat product properly, use well ventilated convection ovens, drum rollers or other methods that distribute heat evenly. Avoid using drum heaters or other heat sources that may cause excessive local heating.

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 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.

© BASF Corporation, 2020



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® go to:

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

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

BASF Corporation

1609 Biddle Avenue

Wyandotte, MI 48192

Phone: (734) 324-6100

<https://polyurethanes.basf.us/>