

Imprafix[®] 2794

Characterization

Imprafix 2794 is a waterbased aliphatic blocked polyisocyanate. Imprafix 2794 is crosslinker with improved reactivity and thermostability (yellowing). In combination with Bayhydrol[®] polyols Imprafix 2794 can be used for the formulation of water-reducible, lightfast one-component polyurethane baking coatings and as an additive in waterborne baking systems to improve flexibility, impact strength and adhesion.

Form supplied

Form supplied is approximately 38% in water.

Characteristic data

Property	Value	Unit of measurement	Method
Non-volatile content (1g / 60 min / 105°C)	37 - 39	%	
Viscosity at 23°C, D = 40 s ⁻¹	≤ 99.9	mPa•s	
pH value at 20°C	6.5 - 8.5		

Other data*

Property	Value	Unit of measurement	Method
NCO content (blocked, calculated on solid resin)	11.5 ± 0.5	%	

*These values provide general information and are not part of the product specification.



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Solubility / thinnability	Imprafix 2794 can be thinned with water. The compatibility and storage stability of the thinned solutions should always be tested, particularly if cosolvents are used.
Storage	Imprafix 2794 should be stored in tightly sealed original containers and protected from moisture, heat, and foreign materials. Recommended storage temperature is 5°-23°C.
Storage time	Imprafix 2794 has a shelf life of six months from date of receipt at customer, provided the material is stored in sealed original containers at the recommended storage temperature.
Other Information	Imprafix [®] and Bayhydrol [®] are registered trademarks of Covestro.
Health and Safety Information	Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further information contact your Covestro LLC representative or the Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

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Editor: Covestro LLC
1 Covestro Circle
Pittsburgh, Pennsylvania 15205
United States
www.covestro.com

Contact:
CAS Single Point of Contact Office
Tel. 412-413-3983

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Document contains important information and must be read in its entirety.

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Product Datasheet