

IsoQure[®] UR 800

Technical Data Sheet

IsoQure[®] UR 800

Chemical name: 4'4 Methylene bis (Phenyl Dimethyl Urea)

CAS Number: 10097-09-3

EINECS Number: 423-370-9

Material Definition

Appearance: Off White to Tan Powder

Melting Point: 215°C - 230°C

Purity: Min. 96%

Particle size $\leq 40\mu\text{m}$: Min. 95%

IsoQure[®] UR 800 is a reactive latent accelerator for the epoxy-dicyandiamide reaction allowing for a long shelf life. Following thermal activation, it provides with fast curing and high cross-linking density at an extreme long shelf life.

Application

IsoQure[®] UR 800 is an aromatic substituted urea and used as a latent accelerator for the dicyandiamide cure of epoxy resins. The addition of IsoQure[®] UR 800 to epoxy / dicyandiamide formulations produces shelf stable one part products which cure in shorter time / or at lower temperatures. It provides one of the best combinations of acceleration, long shelf life and maintenance of cured properties.

Applications extend from laminates for electrical circuit boards to powder coatings, from structural adhesives to high- tech carbon fibre composites.

Handling, Storage and Packaging

The processing and use of IsoQure® UR 800 requires adequate technical and professional knowledge. Please consult safety data sheet and observe local safety regulations.

The legal requirements prevailing in your country, especially in the avoidance of accidents, working hygiene and patent rights must be observed.

IsoQure® UR 800 has to be stored in tightly sealed original containers in a cool and dry place below 28°C. Properly stored it is stable for a minimum of one year.

Regulatory Information

EU REACH registered: No (tbd)

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions



Revision: 2019-11-13 / 5ddc

We strive to be accurate in all of our documentation. However, any information or advice is provided by us in good faith, without warranty or unlimited claim of fitness for a specific application. We sell to qualified industrial users only. The onus is on the product's user to research carefully and then to continually test the product and its application procedures within the context of its specific use. Use of our products and data requires diligence and care, and is within the sole responsibility of the user. Kautschuk-Group does not accept any liability for damages incurred. Our general [Terms and Conditions \(/info/toc\)](#) apply.

Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:

<https://kautschuk.com/products/epoxy/ur/isoqure-ur-800>
<https://kautschuk.com/products/epoxy/ur/isoqure-ur-800>

This page is also available in: **[Deutsch](https://de.kautschuk.com/products/epoxy/ur/isoquire-ur-800)**
 [\(https://de.kautschuk.com/products/epoxy/ur/isoquire-ur-800\)](https://de.kautschuk.com/products/epoxy/ur/isoquire-ur-800), **[Español](https://es.kautschuk.com/products/epoxy/ur/isoquire-ur-800)**
 [\(https://es.kautschuk.com/products/epoxy/ur/isoquire-ur-800\)](https://es.kautschuk.com/products/epoxy/ur/isoquire-ur-800), **[Français](https://fr.kautschuk.com/products/epoxy/ur/isoquire-ur-800)**
 [\(https://fr.kautschuk.com/products/epoxy/ur/isoquire-ur-800\)](https://fr.kautschuk.com/products/epoxy/ur/isoquire-ur-800), **[简体中文](https://cn.kautschuk.com/products/epoxy/ur/isoquire-ur-800)**
 [\(https://cn.kautschuk.com/products/epoxy/ur/isoquire-ur-800\)](https://cn.kautschuk.com/products/epoxy/ur/isoquire-ur-800).

© 2001-2023 Kautschuk Group · Isochem Limited · 340 Queen's Road, Central, · Hong Kong, SAR

For inquiries, contact: **info@kautschuk.com** (**<mailto:info@kautschuk.com>**)

[Status \(/status\)](#) · **[Policies \(/info\)](#)** · **[Privacy \(/info/privacy\)](#)** · **[Terms \(/info/toc\)](#)** · **[Imprint \(/info/imprint\)](#)**