

Casamid® 783

High Gloss Curing Agent for Powder Coatings



Fast curing at
reduced
temperatures



Uniform dispersion



UK Manufacture,
integrated global
supply network

Product Description

Casamid® 783 is an accelerated dicyandiamide curing agent supplied as a fine powder, designed for high-performance epoxy powder coatings. It delivers fast curing, excellent storage stability, and consistent film properties, making it ideal for modern industrial coating applications.

Applications

- Home appliances – such as washing machines, ovens, refrigerators, and kitchen goods requiring durable, attractive finishes.
- Office and contract furniture – metal desks, filing cabinets, shelving, and partitions.
- Automotive parts – components, seat frames, and trim brackets.
- General industrial equipment – pumps, compressors, electric motors, and enclosures.
- Lighting and electrical housings – for both indoor and outdoor environments.
- Architectural elements – metal cladding, fencing, and railing systems.
- Consumer goods – bicycles, toolboxes, and exercise equipment.

Features and Benefits

- Promotes fast cure development at reduced temperatures.
- Maintains high coating durability, chemical resistance, and film integrity.
- Fully compatible with standard epoxy resins and other latent curatives.
- Adjustable reactivity profile via blend ratio with other accelerators or DICY-based agents.
- Designed for compliance with major international chemical inventories (REACH etc.)
- Produced with quality control aligned to industry standards for powder coating additives.
- Energy independent as a result of our on-site anaerobic digestion facility
- Trusted partner- celebrating 100 years of chemical manufacturing in 2026
- Global network of sales offices, direct logistics and US and UK formulating production centres ensuring security of supply and short lead times from stock.

Mode of Action

Casamid® 783 activates upon heating, initiating crosslinking reactions between its dicyandiamide-based structure and epoxy groups. The acceleration system lowers the activation threshold, allowing rapid and efficient curing, especially in lower bake or high-throughput applications.



Committed to Responsible Care



Thomas Swan
Industrial Specialities

Casamid® 783

Selling Specification

Appearance	White powder
Amine Value (mgKOH/g)	60-75
Moisture Content (%)	Max 0.2
Passing 75-micron sieve (%)	Min. 95

Packaging

Available in 25 kg nett weight, polyethylene lined, fibre board boxes.

Shelf Life

At least one year if stored in cool, dry conditions.

Handling

Avoid contact with the skin and eyes and wear appropriate dust mask since the product is irritating to the mucous membranes. Further details can be obtained from the relevant Safety Data Sheet.

Guidelines for Use

Typical use level: 5–6 phr depending on formulation
Ensure thorough dispersion during premix for uniform reactivity
Suitable for both electrostatic corona and tribo application systems

Inventory Status

Australia (AICS)	Canada (DSL/NDSL)	China (IECSC)	Indonesia	Israel	Japan (ENCS)	Korea (MEO/ECL/AREC)	Malaysia (EHSNR)	Mexico (INSQ)
✓	✓	✓	✗	✗	✓	✓	✗	✗
New Zealand	Philippines (PICCS)	Taiwan (TCSI)	Thailand (TDCA)	Vietnam (VNECI)	UK (REACH)	EU (REACH)	US (TSCA/FDA)	
✓	✓	✓	✓	✓	Grandfathered	Registered	Active	

Limited Liability Information: The information contained herein is offered in good faith and is believed to be accurate at the time of printing. This information should not be used as a substitute for your own quality control and/or testing procedures to ensure that our products are safe, effective and fully satisfactory for the intended end use. Product use may be limited by regional and or regulatory restrictions. Customers are responsible for checking to ensure compliance with local regulations in countries where products are to be placed on the market. Thomas Swan does not accept liability for non-compliant products placed on the market in breach of local regulations.