

Casathix® 1898

Polyamide Resin



High Gloss Retention



Exceptional Flow Control



UK Manufacture, integrated global supply network

Product Description

Casathix® 1898 is a non-reactive polyamide resin designed to impart structure to alkyd resins. It is used where gel strength and high gloss are required.

Applications

- Architectural decorative paints – Improves sag control and film build in high-solids or satin-finish paints.
- Wood coatings – Uniform application and enhanced finish on vertical wood surfaces.
- Industrial maintenance coatings – Provides structure and gloss to heavy-duty protective alkyd coatings.
- Agricultural and construction machinery coatings – Enhances application consistency, durability, and visual appeal.
- Metal primers and topcoats – Anti-settling performance and excellent flow on metal substrates.

Features and Benefits

- Enables high-build applications without sagging
- Ensures excellent gloss and levelling in solvent-based coatings
- Provides formulation stability and anti-settling performance
- Enables high-build applications without sagging
- Ensures excellent gloss and levelling in solvent-based coatings
- 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

Casathix® 1898 is introduced during the hot-melt stage of alkyd processing. As it cools, it forms a structured network within the resin, which imparts shear-thinning behaviour, sag resistance, and enhanced pigment stability without interfering with cure chemistry.

Selling Specification

Melting Point (R&B) (°C)	105-115
Melt Viscosity (C&P @ 160°C) (poise)	15 to 25
Melt Viscosity (C&P @ 160°C) (units)	Record
Acid value (mgKOH/g)	Max. 6
Amine Value (mgKOH/g)	Max. 6



Committed to Responsible Care


Thomas Swan
Industrial Specialities

Casamid® 1898

Physical and Chemical Properties

Flash Point	>100 °C
Form	Solid
Colour	Amber

Packaging

Available in 25 kg bags normally 500 kg per pallet.

Shelf Life

Store under cool, dry conditions. It is recommended that the material be used within 12 months of certification.

Handling

A polyamide resin is not classified as dangerous and presents little or no toxic hazard at normal ambient temperature, provided good standards of industrial and personal hygiene are practised. However, dust may be produced during handling and the wearing of protective masks and precautions to avoid potential dust explosion etc. are required.

Guidelines for Use

Casathix® 1898 Use level: 5–7% by weight on base resin. Reaction time: 2–3 hours at 200–230°C

Final performance should be validated through lab-scale testing based on the alkyd system and thixotropy target.

Inventory Status

Casamid® and Casathix® products are classified as polymers and are typically exempt from registration under global chemical regulations such as REACH (EC 1907/2006), UK REACH, KKDIIK, and TSCA. Regional regulatory requirements may differ—please consult us to confirm compliance in your intended market.

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.