



Internationale Metall
IMPrägnier GmbH

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Technical Datasheet

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Date of issue: 30.05.2013
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CTA 801

Changes are characterized by a marginal
vertical line

This sheet supersedes the one dated: May 30th 2013

- Description:** IMP CTA 801 hot cure inhibitor is a Nitrite free inhibitor for hot cure tanks in impregnation systems of the type of methacrylic resins.
- Applications:** Used in conjunction with an IMP evaporator system, the hot water can be used indefinitely. CTA801 is automatically dosed into the hot cure water, in proportion to the volume of sealant carried over into the hot cure tank.
- Performance:** CTA 801 is used to protect components from corrosion and tarnishing during the hot water cure process in a casting impregnation system. CTA 801 also helps to maintain a hot cure solution free of sealant contamination.
- Monitoring** The level of CTA 801 can be monitored using specific tests kits available from IMP.

Physical data of liquid additive:

- Appearance:** Pale yellow or colourless liquid
- Smell:** Characteristic – amines
- Operating temperature range:** Ambient – 120°C
- pH:** 8 Typical (1% in water)
- Density at 20°C:** 1.100 to 1.200 g/ml at 20°C
- Solubility in water:** Completely Miscible at 20°C
- Storage conditions:** Store the product between 5 and 20°C; minimal temperature of storage: 0°C
Store out of direct sunlight, away from direct heat and in its original container. Do not store in aluminium, copper, zinc and its alloys or natural or synthetic rubber. Store away from oxidising agents (e.g. HNO₃), reducing agents, halogens (especially fluorine), peroxides, free radicals, metal oxides, alkalis, bases and acids. Shelf life 12 months at max. 25°C, when in original containers
- User Concentration:** Using an automatic machine with IMP's IM4500r sealant, assuming around 50 bakets per day, 5 days per week, then a consumption in the hot cure of around 25-30 kg per week is needed.

All information given herein corresponds to our latest status of knowledge. This information is neither a guarantee for product properties nor legally binding. TÜV certificate for the production of the products of impregnation according to DIN IN ISO 9001:2015; TÜV certificate for production of impregnating resins according to DIN EN ISO 14001: 2015 (environmental management).

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