Internationale Metall
IMPrägnier GmbH

Technical Datasheet

Revision-Nr:	1
Date of issue:	24.05.2012
Last change:	30.05.2013

Changes are characterized by a marginal vertical line

CTK Additiv

This sheet supersedes the one dated: 24.05.2012

Description: Neutral Multi-Metal Inhibitor for initial fill in conjunction with CTK 200

Applications: Initial fill inhibitor for the hot cure tank of impregnation systems using Methacrylate based Porosity Sealants. To enhance, aluminium and cast iron protection, and to extend the life of the hot cure solution.

Performance: The hot cure water takes time to reach a stable equilibrium, depending on the quality of the water. As the hot cure water ages, the chemical balance will alter and the built up of chemicals primarily due to evaporation have to be considered i.e. dissolved salts etc. CTK Additive has been formulated to accelerate the stable equilibrium and to compensate for evaporation losses.

The amount of CTK Additive required in a fresh tank of water will depend on the water quality, which itself may vary on a regular basis. CTK Additive is typically added at 0.1% by volume to the fresh hot cure water, and is a one off addition to a fresh tank.

Physical data of liquid additive:

Appearance:	Light Green Coloured Clear liquid
Smell:	Slight
Flammable point:	>200°C
pH	PH 6.0 – 8.0 (0.1 – 0.2%)
Density at 20°C:	1.000 – 1.200 g/ml
Solubility in water:	Miscible at the recommended concentration
Storage conditions:	12 months at max. 25°C Minimal temperature of storage: 0°C Avoid contact with strong mineral acids, direct heat and direct sunlight
User Concentration:	0.1 to 0.2% in hot cure water.

Usage: Initially added to a new charge of water in the hot cure tank at between 0.1 and 0.2%.