

Preliminary Data Sheet K-KAT® XK-618



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K-KAT XK-618 is an effective catalyst for the reaction of isocyanates and polyols for the production of urethane elastomers. It is a proprietary mixed organometallic complex specially designed to be an alternative to mercury, tin and amine catalysts without the toxicity concerns.

ADVANTAGES: Excellent cure response

Similar cure profile to mercury catalysts Environmentally more acceptable

TYPICAL Appearance Pale, light amber liquid

PROPERTIES: % Metal 2.1

Specific gravity, 25°C 1.00

Volatile Glycol ethers

SOLUBILITY: n-Butanol Soluble

Ketones Soluble
Glycol ethers Soluble
Aromatic, aliphatic hydrocarbons Soluble

Water Partially soluble

APPLICATIONS: 100% solids 2K urethane elastomers. K-KAT XK-618 provides gel times and cure

properties similar to mercury catalysts.

TYPICAL USAGE

LEVELS:

0.1 to 1.0 % as supplied on total resin solids.

INCORPORATION: K-KAT XK-618 can be added directly to the polyol component of a 2K system.

SHELF LIFE: 24 months from the date of manufacture, when stored at ambient conditions in the

original container.

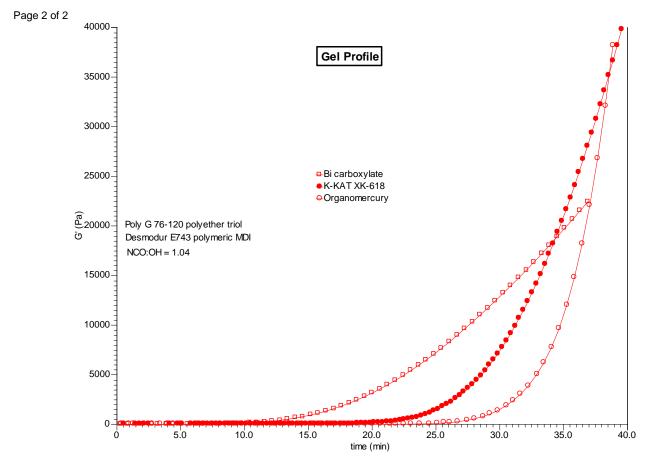
HANDLING & Safe handling of this product should include the use of safety glasses and gloves.

STORAGE: Avoid breathing vapors - use with adequate ventilation. Product should be stored in lined or glass containers away from sunlight and excessive heat. Refer to SDS

for detailed information.

REGULATORY: Please refer to Section 15 of the Safety Data Sheet for information.

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Viscosity profile measured at ambient temperature