

**TYPE**

Amine neutralized p-toluene sulfonic acid

**FORM OF DELIVERY (f.o.d.)**

**Active substance**  
approx. 50%

**PRODUCT DATA**

**Determined per batch:**

**Non-Volatile Matter DIN EN ISO 3251**

non-volatile matter	[%]	48 - 52
analogue DIN EN ISO 3251 (1 h; 120 °C; 2 g)		

**Not continually determined:**

**Colour / Appearance VLN 250**

colour	pale yellow
--------	-------------

**pH-Value DIN ISO 976**

pH-value	1,5
approx. (10 %)	

**Density (Liquids) DIN EN ISO 2811-2**

density	[g/cm <sup>3</sup> ]	0,95
approx. (20 °C)		

**Flash Point DIN EN ISO 1523**

flash point	[°C]	9
approx.		

**SPECIAL PROPERTIES AND USE**

CYCAT® VXK 6364 is a catalyst which is suitable to accelerate the cure of fully alkylated melamine formaldehyde resins.  
Post curing of films containing CYCAT® VXK 6364 can occur.  
Recommended levels of CYCAT® VXK 6364, calculated on melamine resin (solid), are 1 - 7 %.

**PROCESSING**

CYCAT® VXK 6364 is usable in solvent and waterborne thermosetting vehicles.

**Coil coating**

CYCAT® VXK 6364 is especially suitable for the cure of melamine resins which are used as crosslinkers for polyesters.  
Recommended level for curing condition: 220 °C, < 50 s (approx. 30 s PMT) is 2.5 - 6.0% CYCAT® VXK 6364, based on melamine resin solids.

**Can coatings**

CYCAT® VXK 6364 is only suitable for outside application (base- and clear coats). It is not in compliance with FDA 21 CFR175.300 and German recommendation BgVV No. XL.

**Clear coats**

For acrylic/melamine varnishes (ratio = 70 : 30 to 60 : 40), which are baked at 130 - 150 °C for 15 - 20 min, 3.0 - 4.0% of catalyst solution based on total resin solid is required.

**STORAGE**

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.