

TECHNICAL DATA SHEET

CN373

Reactive Amine Coinitiator

DESCRIPTION

CN373 is a reactive amine coinitiator that can be used in combination with a hydrogen abstracting photoinitiator, such as benzophenone or isopropyl thioxanthone (ITX), to promote free radical polymerization. CN373 accelerates surface cure speed and helps overcome oxygen inhibition in UV curable coatings and inks.



SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided. Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Gd)	<3
Viscosity at 25°C (mPa.s or cPs)	2700
Density at 25°C (g/mL)	1.1413
Amine Value (mgKOH/g)	195

PRODUCT PERFORMANCE

Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
PE/PET/PP/PMMA Adhesion
Flexibility

SUGGESTED APPLICATIONS

Adhesives & sealants
Flexographic inks
Inkjet inks
Metal coatings
Overprint varnishes
Plastic coatings
Rubber manufacturing
Screen inks
Wood coatings

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