

## Technical Information

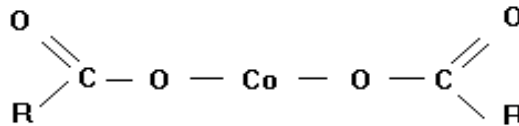
# NCS ULTRACURE AC 1

NDS0911/619

### HIGH CONCENTRATION COBALT ACCELERATOR FOR POLYESTER RESINS

#### DESCRIPTION

NCS Ultracure AC 1 is a concentrated general purpose accelerator, which will cold cure polyester resin with either Butanox M50 or Catalyst H



FEATURES	BENEFITS
Specially designed with suitable solvent.	For ease of dispersion
High cobalt level	Small dosages ensure that less plasticiser or solvent is added

#### TYPICAL LIQUID PROPERTIES

PROPERTY	SPECIFICATION	NCS TEST METHOD
Liquid Appearance	Dark Purple Liquid	2
Cobalt Metal content, % (typical)	6	7A
Relative Density @ 25°C	0,893	
Flash Point	> 61°C	
Stability, months	6 minimum	4.1

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute any other warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental, or consequential damages. Our standard conditions of contract will apply to all sales

**APPLICATION** The recommended dosage based on polyester resins and gelcoats is up to 2,0 phr\*. It should be noted that NCS ULTRACURE AC 1 should be stirred into the polyester resin or gelcoat prior to the addition of catalyst.

**\*phr - parts per hundred resin, by mass**

**STORAGE AND HANDLING** To ensure maximum stability and maintain optimum properties, polyester resin should be stored in closed containers, maintained below 25°C and away from heat sources and sunlight. All storage should conform to local fire and building codes. Drum stock should be kept to a reasonable minimum with first-in, first-out stock rotation. Where bung-in-head containers are stored outside, it is recommended that these be stored in a horizontal position to avoid the ingress of water.

**STANDARD PACKAGE** Non-returnable metal drums.  
Bulk supplies can be delivered by road tanker.

**MATERIAL SAFETY DATA SHEET** A Material Safety Data Sheet is available from your NCS Resins' representative. Make certain that you obtain a copy of this guide to the safe handling of unsaturated polyester resins and resin systems.

**PLEASE READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET BEFORE WORKING WITH THIS PRODUCT**

**WARNING:** CARE MUST BE TAKEN TO AVOID DIRECT MIXING OF ANY ORGANIC PEROXIDE (CATALYST) WITH METAL SOAPS, AMINE OR ANY OTHER POLYMERISATION ACCELERATOR OR PROMOTER, AS VIOLENT DECOMPOSITION WILL RESULT!

NCS RESINS BRANCHES AT:

**JOHANNESBURG / DURBAN / CAPE TOWN / PORT ELIZABETH**