

Technical Information



NCS WAXSOL 5

NDS045/048

WAX SOLUTION

DESCRIPTION

NCS WAXSOL 5 has been specially formulated for use in polyester resins and gelcoats to achieve tack-free surfaces.

FEATURES	BENEFITS		
Specially designed	Achieve tack-free surfaces of resins and gelcoats		
Contains special waxes	Reduced styrene emission helps prevent undercure.		
Forms a surface layer	Prevents oxygen inhibition which improves cure.		
Forms a non-sticky surface layer	Facilitates handling.		

TYPICAL LIQUID PROPERTIES

PROPERTY	SPECIFICATION	NCS TEST METHOD
Liquid Appearance	Clear water-white to pale yellow solution	2
Volatile content, %	94 - 95	7A
Stability, months	6 minimum	4.1

APPLICATION

NCS WAXSOL 5 can be used in polyester resins and gelcoats to give a tack free surface. NCS WAXSOL 5 can be used up to temperatures of approximately 40°C and still ensure a tack free surface. The recommended dosage based on polyester resins and gelcoats is 1,0 to 2,0 phr*. It should be noted that NCS WAXSOL 5 should be stirred into the polyester resin or gelcoat prior to the addition of accelerators or catalyst. Furthermore it should be noted that the time to achieve a tackfree surface of a polyester resin or gelcoat is dependent on the geltime of the polyester resin or gelcoat.

*phr - parts per hundred resin, by mass

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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!

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