

## BOSTIKURE D CURING AGENT

### ISOCYANATE SOLUTION BASED CURING AGENT

BOSTIKURE D CURING AGENT is a non-flammable isocyanate solution based on polymeric MDI (diphenylmethane diisocyanate).

#### RECOMMENDED USE

BOSTIKURE D CURING AGENT is mainly used to cure polychloroprene, nitrile and polyurethane solvent-borne adhesives when superior bond strength, heat and fluid resistance is required. It can also be used as a primer in certain cases.

The quality assurance and release document approved by the UK Ministry of Defence, which relates to BOSTIKURE D CURING AGENT is AFS 1658.

#### BONDING INSTRUCTIONS

Add BOSTIKURE D CURING AGENT to the appropriate adhesive (taking care to avoid splashing) in the recommended proportions and mix together carefully and thoroughly. A typical mixing ratio is:-

	<u>Adhesive</u>	<u>Bostikure D</u>
By volume:	100	4
By weight:	100	6

Apply the mixed adhesive and carry out bonding as appropriate to the particular adhesive and its use. (Refer to the appropriate BOSTIK Information Sheet).

#### Pot Life and Curing Time.

When using BOSTIKURE D CURING AGENT with typical solution adhesives the pot life of the mixed adhesive is usually 6 to 8 hours at normal room temperatures provided the container is kept closed. This period will be shorter in an open container due to solvent evaporation. Also, the pot life decreases with the age of the adhesive.

A typical curing time for the mixed and applied adhesive is approximately 3 days at normal room temperatures but bond strengths continue to increase, reaching a maximum within approximately 7 days. Cure rate may be accelerated by heating.

**WARNING:** PRECAUTIONS MUST BE TAKEN TO ENSURE THAT BOSTIKURE D AND THE MIXED, UNCURED ADHESIVE ARE NOT CONTAMINATED WITH WATER AS THIS COULD HAVE A DETRIMENTAL EFFECT ON BOND STRENGTHS.

#### TYPICAL CHARACTERISTICS

Physical Form:	Mobile liquid
Colour:	Dark brown (transparent)
Odour:	Sharp-penetrating-pleasant
Chemical Type:	Isocyanate solution based on polymeric diphenylmethane diisocyanate (MDI)
Viscosity:	Low
Solvent:	Dichloromethane (methylene chloride)
Solids Content:	20%
Specific Gravity:	1.3
Flammability:	Non-flammable

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## **PACKAGING**

Please refer to Customer Service Department for current pack sizes.

## **STORAGE**

Store under dry conditions between 5 and 25°C.  
Avoid breakage or spillage.

## **SHELF LIFE**

Fifteen months from date of manufacture, under the above conditions of storage.

## **MATERIAL SAFETY DATA**

For further information refer to the relevant Health and Safety Data Sheet.