



MR. G A KING, STGMT1B

DPA

Defence Procurement Agency

Sea Technology Group
Defence Procurement Agency
Ministry of Defence
Ash 3c, #3311
Abbey Wood
Bristol BS34 8JH

Mr B Flippence
Business Development Manager
Thortex (Division of E Wood Ltd)
Oaklands
Eyton
Leominster
HR6 0BZ

Direct line: 0117 -91-35047
Switchboard: 0117 -91-30000
Facsimile: 0117 -91-35943
e-mail: stgmt1b@dpa.mod.uk

Our Ref: STG/170/19/43/1/1
Your Ref:

7 October 2002

INM APPROVALS

Brian,

I hope you are keeping well.

Please accept my apologies for the delay in responding to your previous e-mail requests. You asked for copies of the approval letters, from the Institute of Naval Medicine's (health & safety) assessment, of the Thortex materials, 'Chemi-Tech UW' and 'Metal-Tech FC'. As you are aware, I am extremely busy and often out-of-office, therefore when I am at my desk, I have to deal with all matters on a priority basis.

I am now pleased to be able to enclose copies of the INM approval letters for your file reference.

Yours Sincerely,

Gary King
STGMT1b

AN EXECUTIVE AGENCY OF THE MINISTRY OF DEFENCE



UNCLASSIFIED

To: The Medical Officer in Charge, Institute of Naval Medicine, Alverstoke, GOSPORT, Hants, PO12 2DL . For the attention of Mr Moore, Senior Occupational Hygienist.

REQUEST FOR PRODUCT TOXICITY EVALUATION BY INM

1. This form is to be completed for each product to be evaluated by INM to determine the hazards to health associated with it and the measures that may be necessary to control exposure.
2. Sections 1 to 7 are to be completed by the Originator who should then forward the request to STGMT1b (for the attention of Gary King), together with all relevant Technical and Health and Safety Data sheets attached
3. Sections 8 and 9 are to be completed by STGMT and then forwarded to INM (and STGSM3b, if appropriate)
4. Section 10 is to be completed by INM and the form returned to STGMT

1. Product Name: (N.B. Attach Data Sheets) THORTEX CHEMI-TECH UW Details of product this is to replace (if applicable): Alternative to JML 2000 and others?	2. Manufacturer/Supplier: THORTEX	3. Intended use and Method of Application: Proposed for application, underwater, for repairs Brush or Roller
4. Manufactures's/Suppliers Address and Telephone Number (if not on data sheets): THORTEX Division of E. Wood Ltd Standard Way Northallerton N Yorks DL6 2XA Tel No: 01609 - 780170	5. Originator's Details: Name: (Block Caps) G A King Dept: STGMT Phone Number: 0117 91 35047	
6. Originator's Ref and Date: STG/170/12/16/1/1		
7. Is BR1326a Clearance Required*?: No	8. STGMT Ref: STG/170/12/16/1/1	9. BR1326a Class (if applicable):
10. INM Response: Thortex Chemi-Tech UW is a solvent-free epoxy resin base with polyamine curing agent. Both components are eye and skin irritants and may cause sensitisation by skin contact. In addition, the curing agent is corrosive to eyes and skin, and harmful by inhalation. However, provided that the material is applied strictly in accordance with the manufacturers recommendations and the precautions detailed in the SDs' are followed, INM has no objections to this material being introduced into Service use.		

*Note - This only applies if material is to used on board RN submarines: see BR1326a for details.

The Medical Officer in Charge, Institute of Naval Medicine, Alverstoke, GOSPORT, Hants, PO12 2DL. For attention of Mr Moore, Senior Occupational Hygienist.

REQUEST FOR PRODUCT TOXICITY EVALUATION BY INM

1. This form is to be completed for each product to be evaluated by INM to determine the hazards to health associated with it and the measures that may be necessary to control exposure.
2. Sections 1 to 7 are to be completed by the Originator who should then forward the request to STGMT1b (for the attention of Gary King), together with all relevant Technical and Health and Safety Data sheets attached
3. Sections 8 and 9 are to be completed by STGMT and then forwarded to INM (and STGSM3b, if appropriate)
4. Section 10 is to be completed by INM and the form returned to STGMT

1. Product Name: (N.B. Attach Data Sheets) METAL-TECH F.C. Details of product this is to replace (if applicable):	2. Manufacturer/Supplier: THORTEX	3. Intended use and Method of Application: Fairing Compound suitable for application underwater to steel or GRP surfaces Hand Tools
4. Manufactures's/Suppliers Address and Telephone Number (if not on data sheets): THORTEX Division of E. Wood Ltd Standard Way Northallerton N Yorks DL6 2XA Tel No: 01609 - 780170	5. Originator's Details: Name: (Block Caps) G A King Dept: STGMT Phone Number: 0117 91 35047	
	6. Originator's Ref and Date: 18 July 2002 STG/170/12/16/1/1	
7. Is BR1326a Clearance Required*?: No	8. STGMT Ref: STG/170/12/16/1/1	9. BR1326a Class (if applicable):
10. INM Response: <p>INM has evaluated the product's health & safety data sheet and composition and has come to the conclusion that there will be no adverse health effects provided that the precautions detailed in the Safety Data Sheet are followed.</p> <p>INM Ref: 600/055 dated 7 Aug 02.</p>		

*Note - This only applies if material is to be used on board RN submarines: see BR1326a for details.

From: "STGMT1B, Gary King" <STGMT1B@dpa.mod.uk>
Sent: Friday, February 07, 2003 10:27 AM
Subject: Thortex. Chemi-Tech 152 LV

Brian,

The Institute of Naval Medicine (INM) have now replied to the request for a health and safety assessment of Thortex Chemi-Tech 152LV. Their comments are as follows:

"The formulation of the 2-part product has been studied, together with the product's material safety data sheets. These indicate that Chemi-Tech 152 LV is a 2-part product comprising a fairly standard epoxy resin with amine curing agent. The epoxy resin part is irritating to eyes and skin, may cause sensitisation by skin contact. The hardener is corrosive on contact with skin and eyes, and may also cause sensitisation by skin contact. Note that the hardener comprises 10-15% nonylphenol, a compound of current interest to STGMT. However, providing Chemi-Tech 152 LV is used in strict accordance with the manufacturer's instructions, INM has no objections to its introduction into Service use."

"Note that INM's assessment of a material looks only at the health and safety aspects of application. No comments can be made on the suitability of the product for its intended purpose."

Kind Regards,

Gary King
STGMT1b