

**Product Name** LASERFRAME TERMINATOR BLUE (XXX-75-H2F)

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Supplier Name** CARTER HOLT HARVEY WOODPRODUCTS AUSTRALIAN GROUP OF COMPANIES  
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**Synonym(s)** BLUE PINE • BLUE WOOD • FRAMESURE • FRAMESURE BLUE • H2 • H2-F • LASERFRAME • TERMINATOR • TERMINATOR BLUE • TREATED FRAMING • TREATED PINE

**Use(s)** INDUSTRIAL APPLICATIONS • TIMBER

**MSDS Date** 11 Jun 2009

**2. HAZARDS IDENTIFICATION**

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA**

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	Formula	CAS No.	Content
BIFENTHRIN	C23-H22-Cl-F3-O2	82657-04-3	<0.01%
TIMBER (SOFTWOOD/HARDWOOD)	Not Available	Not Available	>99%

**4. FIRST AID MEASURES**

**Eye** Exposure is considered unlikely unless dust is generated. Hold eyelids apart and flush the eye continuously with running water for 15 minutes.

**Inhalation** If inhaled (dust during machining), remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

**Advice to Doctor** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**Flammability** Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Dust may form explosive mixtures with air.

**Fire and Explosion** Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing** Water spray or fog, for large quantities. Prevent contamination of drains or waterways.

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**Hazchem Code**     None Allocated

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## 6. ACCIDENTAL RELEASE MEASURES

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**Spillage**             If spilt, collect and reuse where possible.

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## 7. STORAGE AND HANDLING

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**Storage**             Store in cool, dry area.

**Handling**           Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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**Exposure Stds**     No exposure standard(s) allocated.

**Biological Limits**   No biological limit allocated.

**Engineering Controls**     Avoid inhalation. Use in well ventilated areas. If sanding, drilling or cutting, use appropriate local extraction ventilation.

**PPE**                     Wear dust-proof goggles and cotton or leather gloves. If cutting or sanding with potential for dust generation, wear: a Class P1 (Particulate) respirator.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	BLUE SOLID	<b>Solubility (Water)</b>	INSOLUBLE
<b>Odour</b>	ODOURLESS	<b>Specific Gravity</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	COMBUSTIBLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT AVAILABLE
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT AVAILABLE
<b>Evaporation Rate</b>	NOT AVAILABLE		

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability**     Stable under recommended conditions of storage.

**Conditions to Avoid**     Avoid heat, sparks, open flames and other ignition sources.

**Material to Avoid**         Compatible with most commonly used materials.

**Hazardous Decomposition Products**     May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

**Hazardous Reactions**     Polymerization will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Health Hazard Summary**     Low acute toxicity. This product may present a hazard if wood is sanded, drilled or cut with dust generation. Use with appropriate engineering controls (eg. dust extraction) and safe work practices to avoid dust generation - inhalation and eye or skin contact. Wood dust is classified as carcinogenic to humans (IARC Group 1), adverse health effects are usually associated with long term exposure to high dust levels.

**Eye**                         Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if wood is cut or sanded with dust generation, which may result in lacrimation and irritation.

**Inhalation**                Due to product form and nature of use, the potential for exposure is reduced. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat. Chronic exposure to wood dust may result in result in nasal and paranasal sinus cancers (IARC Group 1).

**Skin**                        Low irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.

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**Ingestion**            Ingestion is considered unlikely due to product form.

**Toxicity Data**        BIFENTHRIN (82657-04-3)  
                              LC50 (Inhalation): 4.9 mg/l/4 hours (rat)  
                              LD50 (Ingestion): 54.5 mg/kg (rat)  
                              LD50 (Skin): 2 g/kg (rabbit)

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## 12. ECOLOGICAL INFORMATION

**Environment**        Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

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## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**    Dispose of to an approved landfill site. Contact the manufacturer for additional information.

**Legislation**         Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**Shipping Name**        None Allocated

**UN No.**                 None Allocated    **DG Class**            None Allocated    **Subsidiary Risk(s)**   None Allocated

**Packing Group**        None Allocated    **Hazchem Code**    None Allocated    **EPG**                 None Allocated

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## 15. REGULATORY INFORMATION

**Poison Schedule**    A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS**                  All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

**Additional Information**    **RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m3 - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

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**Report Status**      This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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**End of Report**