



Health & Safety Product Data Sheet



TIMBER PRODUCTS - JB RED, TYPE A, SPECIALITY BATTEN & DECKING

The Control of Substances Hazardous to Health Regulations (COSHH), requirements of The Health and Safety at Work Act, The Consumer Protection Act and The Chemicals (Hazard Information and Packaging for Supply) Regulations, requires us to provide relevant information regarding our products in respect of its properties, correct use, storage/handling and disposal without risk to health.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product details:

JB Red Roofing Battens, Type A Batten, Speciality Battens, Counter Battens, Antislip Decking, CitiDeck Decking, Castellated Standard Decking.

Application of the Product:

Roofing batten, counter batten, speciality batten, lead roll, firings, zinc and king roll, decking.

Manufacturer/Supplier:

Marley Limited, Lichfield Road, Branston, Burton on Trent, Staffordshire, DE14 3HD.

Tel: (01283) 722222

2 COMPOSITION/INFORMATION ON INGREDIENTS

Description:

Manufactured from European Redwood or European Whitewood timber. Preservative Treatment MicroPro® - Celcure MC-T3 (Koppers Performance Chemicals).

3 HAZARDS IDENTIFICATION

Hazard description:

Cutting
Handling
Storage
Mould growth
Disposal

4 FIRST-AID MEASURES

Wear gloves when working with wood. Only preserved wood that is visibly clean and free of surface residue should be used. Wear a dust mask and goggles when cutting or sanding wood.

Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.

All sawdust and construction debris should be cleaned up and disposed of after construction. Wash work clothes separately from other household clothing before re-use.

Treated wood should not be used where it may come into direct or indirect contact with drinking water.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing agents:

Water, Foam, CO₂, Sand or Earth.

Combustible but not readily ignited under normal conditions. Combustion or thermal decomposition will evolve toxic and irritant vapours – CO_x, CaO, ZnO, CO, CO₂, Hydrogen Chloride, Smoke and fire soot.

Do not burn preserved wood (see Disposal). All sawdust and construction debris should be cleaned up and disposed of after construction.

6 ACCIDENTAL RELEASE MEASURES

Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.

Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed or beehives.

Do not use preserved wood as mulch.

7 HANDLING AND STORAGE

Information for safe handling:

Ensure safe lifting techniques are applied when handling the products.. Personal injury due to strains and ruptures should be avoided if the requirements of The Manual Handling Operations Regulations are implemented.

When treated to UC1, UC2, and UC3a specifications, treated timber should be stored in dry conditions for storage and transport. UC1-3a treated timber, which is not coated, wrapped or covered, should not be exposed to excessive or prolonged periods of rainfall or wetting before installation nor allowed to rest in standing water. Installed timber should be appropriately sealed and protected from weathering as soon as practically achievable and should not be exposed directly to excessive weathering during the construction phase. If wood is to be used in an interior application and becomes temporarily wetted during construction, it should be allowed to dry before being covered or enclosed.

Mould growth can and does occur on the surface of many products, including treated or untreated wood, during prolonged surface exposure to excessive moisture conditions. To remove mould from treated wood surfaces, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould.

All sawdust and construction debris should be cleaned up and disposed of after construction.

The use of Personal Protective Equipment (PPE) is recommended when working with these products. Wear gloves when working with preservative treated timber.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash hands before breaks and at the end of work. Avoid contact with eyes. Suitable safety goggles should be worn to reduce potential risks due to cutting. Abrasive resistant gloves should be worn to reduce potential risk of abrasions or small cuts during installation or cutting of these products. Other suitable personal protective equipment should also be worn. As a general rule try to eliminate the exposure to dust. Work in a well-ventilated area. Use hand tools or slow running mechanical tools by preference. Approved Respiratory Protective Equipment must be worn.

Wash exposed areas of skin following handling or working with treated timber.

9 PHYSICAL AND CHEMICAL PROPERTIES

MicroPro® Celcure MC-T3 preserved wood is a “treated article” which incorporates biocidal products. Wood correctly preserved with Celcure MC-T3 is protected against wood destroying insects and wood rotting fungi. Contains: Basic copper carbonate (Copper (II) carbonate – Copper (II) hydroxide (1:1)), Tebuconazole.

10 STABILITY AND REACTIVITY

Not applicable.

11 EFFECTIVE USE OF PRESERVED WOOD

Cutting

Preserved wood should not be cut or otherwise reworked as this will expose unpreserved wood. If cutting cannot be avoided, then precautions should be taken to keep airborne dust levels below the Workplace Exposure Limits for wood dust. In particular, avoid inhalation of dust when using high speed cross-cut saws or mechanical sanders. Any surface exposed by drilling or cutting must be retreated with a cut end preservative. Failure to do this will reduce the effectiveness of the preservative. It is recommended that the re-preserved ends are not put in the ground or in direct contact with water. Rip sawing, thicknessing and planing are not permitted unless the timber is subsequently re-preserved to the original specification.

Metal Fastenings and Hardware

MicroPro® Celcure MC-T3 preserved wood has corrosion rates on metal products similar to untreated wood. Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use.

Colour

Freshly treated MicroPro® Celcure MC-T3 preserved wood is produced in conjunction with a colour pigment system utilising a red pigment for JB Red and a brown pigment for all other products. All treated timber will fade after exposure to sunlight. As with most outdoor wood products, MicroPro® Celcure MC-T3 preserved wood will eventually fade to grey. MicroPro® Celcure MC-T3 preserved wood is lighter in colour compared to other copper based treated products, which benefits subsequent painting or staining.

Installation

In decking, and as a general rule, nail boards bark side up (annual rings are upward) to reduce splitting; however the best face should be placed up when a defect of the wood is apparent. Fasten thin boards to thicker boards to maintain structural integrity. It is a good idea to drill pilot holes for your fixings when screwing near the edge or end of a board. This will minimise splitting. If the wood has become wet by exposure to rain, butt decking boards together during construction. As drying occurs, some shrinkage can be expected. If the wood is dry, space the boards to allow for expansion in wet weather. During the weathering of treated or untreated timber, extractives in the timber may run off and stain surrounding surfaces. Consideration should be given when intending to fix timber above surfaces where staining would be undesirable e.g. above light coloured render.

Gluing

MicroPro® Celcure MC-T3 preserved wood can be glued with most commonly used adhesives once dry. Always follow the adhesive manufacturer's recommendations.

12 TOXICOLOGICAL INFORMATION

Acute toxicity:

Not applicable.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines.

13 ECOLOGICAL INFORMATION

Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.

Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed or beehives.

14 DISPOSAL CONSIDERATIONS

General notes:

MicroPro® Celcure MC-T3 preserved wood that is no longer usable, such as off-cuts, broken boards, sawdust or preserved wood material taken out of service may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with national and local regulations.

Do not use preserved wood as mulch.

15 TRANSPORT INFORMATION

General notes:

No special precautions required.

16 REGULATORY INFORMATION

Biocidal Product Regulation (EU 528/2012) Article 58 Information

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17 OTHER INFORMATION

Wood Protection Association (WPA)

Marley has Approved Product and Approved Treater status under the WPA Benchmark Quality Approval Scheme for wood treated with preservation by impregnation for JB Red roofing batten and Type A Brown batten (TW23012).

General notes:

In accordance with the Management of Health & Safety at Work Regulations, employers must carry out a risk assessment to ensure the health and safety of their employees and non-employees who may be affected by their undertaking when using these products.

National Legislation:

Health and Safety at Work etc Act 1974, Control of Substances Hazardous to Health Regulations, Construction (Health, Safety and Welfare) Regulations, Manual Handling Operations Regulations, HSE Guidance Note EH40 (Occupational Exposure Limits), HSE Guidance Note EH44 (Dust – General Principles of Protection).