Product Data Sheet

HSE No 6242

48hr re-entry

Triton TRIBOR 20

INORGANIC BORON WOOD PRESERVATIVE FOR THE CONTROL OF AND PREVENTION OF ATTACK BY WOOD ROTTING FUNGI AND WOOD DESTROYING INSECTS.

Triton TRIBOR 20 is a highly effective biocidal preparation based on inorganic boron and glycol carriers.

Boron compounds are well established as preservatives having excellent activity against wood destroying fungi and insects. When combined with glycol carriers the resultant product has a number of advantages over existing preservatives, including:

- DEEP penetration into timber, wet or dry
- BROAD spectrum of fungicidal and insecticidal activity
- VERY low mammalian toxicity
- PRACTICALLY odourless
- NON-FLAMMABLE and non-staining
- LOW volatility for long-term efficacy and environmental safety

Description

Triton TRIBOR 20 is a 20% w/w solution of Disodium octaborate tetrahydrate dissolved in monoethylene glycol, monopropylene glycol and water. **Triton TRIBOR 20** has been formulated as a surface applied or injected treatment for in-situ building timbers to eradicate and prevent fungal decay (dry rot, wet rots) and attack by wood boring insects.

The water soluble nature of the boron content plus the hygroscopic properties of the glycol carrier make **Triton TRIBOR 20** particularly suitable for the treatment of damp 'at risk' timbers such as embedded joist ends, lintels, wall plates, etc., as well as rafters, joist, plywood and soft or hardwood panels. Timber too damp to be treated with conventional timber pastes can be successfully protected with **Triton TRIBOR 20** and/or **Triton TRIBOR GEL** (see separate data sheet).

Triton TRIBOR 20 is low in volatility (it has a low vapour pressure), which means that the long-term protection provided is very high and that vapour production during application is very low.

Uses

- Surface application to timbers by brush as an alternative to traditional pastes, provides protection against fungal decay and insect attack.
- Injected into timbers at risk or under attack from fungal decay and insects. Spreads throughout the timber (particularly if damp) and remains active in the long-term.
- Microsprayed into inaccessible voids or under timber suspended floors to provide protection against insect attack also used through the microsprayer as a directed treatment onto accessible timbers where a boron treatment has been specified.

Technical Data

- **Triton TRIBOR 20** may be applied by brush, Microspray or dipping.
- Surfaces of exposed timber should be evenly treated to ensure long-term protection.
- When microspraying relatively small quantities of fluid are deposited onto the timber, if run-off is seen then too much fluid is being applied.

The use of **Triton TRIBOR 20** allows for the retention of structurally sound timber infected with dry rot mycelium or hyphae, extensive cutting back is not always necessary. A combination of surface and injection treatment will eradicate an existing outbreak and provide protection for the future. When assessing timbers for structural integrity an allowance should be made for the drilling of injection holes. If in doubt call in a structural engineer.

Application Notes

- Exposed electrical equipment, junction boxes and wiring joints should be protected during microspraying of **Triton TRIBOR 20**.

- As is usual when applying wood preservatives, water tanks should be covered during any spraying activity.
- Non-porous surfaces such as steel beams or painted wood may retain a wet appearance some time after spray application. In certain circumstances on these surfaces the hygroscopic nature of the glycol carrier may mean that sufficient moisture could be absorbed by the **Triton TRIBOR 20** residue to cause run-off. Porous and absorbent surfaces will not be affected by this phenomenon.

Specification

NBS Clause C52 47, 323 Fungus / beetle eradication

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Coverage information

By Brush (Rough Sawn)	3 – 7 sq metres per litre
By Brush (Smooth)	8 – 10 sq metres per litre
Microspray	7 – 10 sq metres per litre
Dipping	4 hours minimum to a depth at least 750mm beyond embedded end.

General information

Clean up:	Use tap water to clean tools, etc.
Shelf Life:	12 months in cool, dry conditions
Packaging:	5 litre and 25 litre containers
HSE No:	6242
Re-Entry Time:	48 hrs or until surfaces are dry.

Precautions

See separate Health and Safety data.

For further information please contact:

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