



SASCO PRODUCTS LIMITED

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PRODUCT INFORMATION

BORACOL 20 - 2

INORGANIC BORON WOOD PRESERVATIVE

INTRODUCTION

BORACOL 20 - 2 is a wood preservative which is fungicidal and insecticidal in its preventative action and fungicidal when used as an eradicant.

SPECIAL PROPERTIES:

- Very low mammalian toxicity
- Very low vapour pressure (Negligible loss of active ingredient by evaporation)
- Deep penetration into timber; even penetrates heartwood
- Practically odourless and non-staining
- Non-flammable
- Wider spectrum of activity than conventional preservatives.

DESCRIPTION:

BORACOL 20 - 2 is a clear solution of 20% Disodium octaborate tetrahydrate in propylene glycol. It is designed for use as a surface treatment in-situ building material to eradicate fungal attack and preserve against attack from both fungus and wood boring insects. It penetrates 3 - 5mm into the wood and establishes a reserve from where further penetration takes place (40mm in 2 years has been demonstrated).

TECHNICAL DATA:

Active Substance

Disodium octaborate tetrahydrate 20% W/W ($\text{Na}_2 \text{B}_8 \text{O}_{13}, 4\text{H}_2\text{O}$)

Other Components

Contains propylene glycol

Safety Recommendations

Do not swallow. Protect eyes and skin. Wash thoroughly if contaminated by product.

Colour

Colourless

Odour

None

Flashpoint
Above 55 C

Fire and Explosion Hazard
BORACOL 20 - 2 does not increase the ignition point of wood.

Corrosion
None, contains a corrosion inhibitor. However may cause slight rusting of bare metals.

Aggressivity to Other Materials
Does not attack glass, textiles, plaster, rubber, putty, mastics, sealants or paint systems.

Adhesive Application
Wood impregnated with BORACOL can be glued.

USES:
As a surface treatment to eradicate dry rot, wet rot and white rot in-situ building material.

As a surface treatment to preserve existing and new timbers against fungal and insect attack.

EXAMPLES OF PREPARATION:

Roof Timbers
Surface debris, dust and cobwebs must be removed and timbers thoroughly cleaned using an industrial vacuum cleaner. Insulation must be removed, water tanks and electrical junctions covered, ventilation ensured and common roof voids screened. Walking boards and safety lights should be installed.

Floor Timbers
Floor coverings must be carefully removed, timbers thoroughly vacuumed and sufficient access boards removed. Ventilation must be ensured without affecting adjacent areas with over-spray.

Joinery
Painted architraves and skirtages must be removed or pried away from the wall and the unpainted surfaces cleaned.

APPLICATION:
BORACOL 20 - 2 may be applied by brushing, dipping, spraying to refusal, or by injection.

COVERAGE:
Rough sawn timber (brush)..... 1 litre to approx 3 m² surface
Smooth prepared timber (brush)..... 1 litre to approx 3 - 4m² surface
By spray (either surface)..... 1 litre to approx 3 - 4m² surface

(If the wood is already attacked by fungi or insects, it may absorb more per m²).

GENERAL DATA:

Cleaning

Ordinary tap water will clean tools, etc., equipment and spillages.

Packaging

1 litre, 4 litre, 20 litre and 100 litre plastic containers

Storage

Keep out of reach of children. Store in original containers, tightly closed and in a safe place. Keep away from food, drink and animal feedstuffs. Do not allow to freeze.

Shelf Life

6 - 12 months in cool, dry conditions.

HEALTH AND SAFETY:

BORACOL 20 - 2 is registered under the Pest Control Products Act, Registration Number: 24493 for use as a wood preservative. For commercial use only.

Acute Oral LD50 Oral Rats mg/kg..... >2,000

Acute Dermal LD50 Rats mg/kg..... >2,000

Acute LC50 Inhalation g/m³..... >4.3 g/m³ *(for a product containing ethylenglycol in instead of propyleneglycol)*

Skin Irritation Non-irritating

Eye irritation Non-irritating

Skin Sensitization..... Negative in the Guinea Pig Maximization

Test

TECHNICAL ADVISORY SERVICE

Before determining the most appropriate product it is necessary to specifically identify the source of the problem, so that the best method of treatment can be applied. Technical advice of this nature is available from SASCO PRODUCTS LIMITED or your local Technical Agent.

This information given in good faith is based on many years experience and usage of similar products. However all recommendations and suggestions are made without prejudice, since the conditions of use are beyond our control. All goods are sold in accordance with our conditions of sale, copies of which are available on request.

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