



# **SASCO PRODUCTS LIMITED**

10 Ilsley Avenue, Unit 3, Dartmouth Nova Scotia Canada B3B 1L3 Canada

Telephone (902) 468-2126 Fax (902) 468-2642

[www.sasco.ca](http://www.sasco.ca)

## PRODUCT INFORMATION

# **BORACOL 20 - 2 BD**

## **INORGANIC BORON WOOD PRESERVATIVE**

### **INTRODUCTION**

BORACOL 20-2 BD is a wood preservative which is fungicidal and insecticidal with an added preventative mouldicidal effect; is fungicidal when used as a preventative treatment and fungicidal when used as an eradicant and effective in preventing mould on wood and stone as well as other absorbent surfaces.

**Precaution is to be taken when used where building material may be sensitive to surfactants.**

### **SPECIAL PROPERTIES:**

- \* Very low acute 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 BD is a clear solution of 19.6% Disodium octaborate tetrahydrate and 1.0% didecyl dimethyl ammonium chloride in propylene glycol and water. It is designed for use as a surface treatment in-situ building material to prevent and kill fungal attack and preserve against attack from both mould 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). It can also be used as an initial preventative treatment.

### **TECHNICAL DATA:**

Active Substance: Disodium octaborate tetrahydrate 19.6% W/W ( $\text{Na}_2 \text{B}_8 \text{O}_{13} \cdot 4\text{H}_2\text{O}$ )

Didecyl Dimethyl Ammonium Chloride (DDAC) 1.0%

Other Components: Contains propylene glycol

### Safety Recommendations

**Read Label and MSDS carefully before use.**

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

**Boracol 20-2 BD does not restore lost strength in wood.**

Colour: Colourless

Odour: Very low

Flashpoint : Above >107° C

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

Corrosion: None, functions partly as a corrosion inhibitor. However may cause slight oxidizing of bare metals, especially aluminum!

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 prevent and kill 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 BD may be applied by brushing, dipping, spraying to refusal, or by injection. Do not apply Boracol 20-2 BD when raining or extremely high humidity.

### **COVERAGE:**

Rough sawn timber (brush) ..... 1 litre to approx 3 m<sup>2</sup> surface  
Smooth prepared timber (brush) ..... 1 litre to approx 3 - 4 m<sup>2</sup> surface  
By spray (either surface) ..... 1 litre to approx 3 - 4 m<sup>2</sup> surface  
To prevent attacks ..... 3 - 6 m<sup>2</sup>/litre  
To eradicate established attacks ..... 2 - 3 m<sup>2</sup>/litre  
Fungi in wood .....1 m<sup>2</sup> / litre\*  
Insect attacks .....1 m<sup>2</sup> / litre\*

\* Divide between two applications

*(If wood is already attacked by fungi, mould or insects, it may absorb more per m ).*

The Boric Acid equivalent is 1.2 times the amount of Boron in Boracol 20-2 BD (approx. 24% Boric Acid equivalent)

**GENERAL DATA:**

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

Packaging: 1 litre, 4 litre, 20 litre and 200 litre plastic containers

Storage: Keep out of reach of children. Store in original containers, tightly closed an 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 BD is registered under the Pest Control Products Act, Registration Number: 25664 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/m ..... >8.9 g<sup>3</sup>/m<sup>3</sup>  
Skin Irritation ..... Irritating  
Eye irritation ..... May be irritating  
Skin Sensitization ..... May be sensitive

**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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