

Borowood[®]
Wood Preservative
Soluble Powder

Protection Deep Into Your Wood

For protection and preventative treatment of wood* against decay fungi and wood destroying insects, and for remedial control of such pests in infested wood.

(*Also for wood-foam composite structural components.)

COMMERCIAL

GUARANTEE:

Boron (present as disodium octaborate tetrahydrate) 20.9%

REGISTRATION NO. 28805 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING KEEP OUT OF REACH OF CHILDREN

CAUTION: EYE IRRITANT

Net Contents: 5 kg [*or 20 kg*]

SCL ITALIA S.p.A.
Via Fabio Filzi 25/A
20124, Milano
Italy
913-327-7800

International Food Focus Ltd.
211 Carlton Street, East Office
Toronto, ON Canada
M5A 2K9
416-924-3266

GENERAL INFORMATION:

Borowood is a water-soluble inorganic borate salt with insecticidal, termiticidal, and fungicidal properties. Borowood is effective for protection and preventative treatment of wood (and wood foam composite structural components) against wood destroying organisms such as (1) decay fungi, including Brown (i.e. Poria), White, and Wet Rots and (2) wood-boring insects, including;

- * Subterranean Termites, e.g. Reticulitermes (Termitidae)
- * Drywood Termites, e.g. Incisitermes (Kalotermitidae)
- * Dampwood Termites, e.g. Zootermopsis (Hodotermitidae)
- * Old House Borers, Longhorn Beetles (Cerambycidae)
- * Carpenter Ants (Camponotus)
- * Furniture and Deathwatch Beetles (Anobiidae)
- * Powder Post Beetles (Lyctidae)

This product can be used for the preventative treatment of wood in existing structures (before signs of infestation), for pre-treatment of wood during construction and for remedial treatment of wood infested with any of these wood destroying organisms.

Borowood is effective for ALL interior and exterior wood (and wood-foam composite structural components) that will be protected from excessive rain and not in direct contact with soil. Types of wood include, but are not limited to, all types of lumber, logs, timber, siding and plywood. This product is toxic to wood-destroying insects, but surface etching of treated wood may occur. Freshly treated wood should be protected from rain. Wood subject to direct contact with moisture must be coated with a good water-repelling finish *after* treating with Borowood.

DIRECTIONS FOR USE:

Treated wood must be sealed or used in locations where post-application exposure will not occur.

Application Techniques:

Borowood may be applied by spraying, dipping or by pressure treatment.

Spray Treatment:

For applications using a sprayer, Borowood is mixed at the rate 120 g (0.12 kg) per litre of water to yield a 10% aqueous solution. To prepare solution, water should be added to the tank to about 80% of the final volume of the solution required. While agitating, gradually add 120 g of Borowood for each litre of treating solution required. Add the remaining water and agitate solution until the product has dissolved.

Wood must be bare; free of dirt, wax and surface finishes. Remove all previous coatings, surface mold or mildew (or the stains they cause) using appropriate cleaning solutions or surface preparation techniques. After cleaning, spray wood surface several times with clean water. This helps to build up moisture level in outer shell of wood, allowing Borowood to better penetrate. Allow wood to dry until just slightly damp before applying Borowood solution.

Best results and penetration will be obtained when ambient temperatures are over 13°C. Do not spray frozen wood, painted or waterproofed surfaces. Two applications of the Borowood 10% aqueous solution are normally required. Apply Borowood solution by brush or spray until wood surface is thoroughly wet, at a rate of approximately 1 litre per 5 square metres (or 20 litres per 100 square metres) of wood surface area. When spraying, apply evenly using a medium or coarse spray at low pressures (1-2 kg/cm²). Thoroughly soak cut ends. Apply a second coat 4 to 24 hours later.

Dipping: End-cuts of wood may also be dipped in a Borowood treatment solution for 1-5 minutes.

After Treatment: Exterior wood surfaces should be sealed to prevent Borowood from diffusing out. Wood should be completely dry (wait at least 48 hours) before a water-repelling finish can be applied.

Dip-Diffusion Treatment:

Dip freshly cut lumber in a tank containing a hot aqueous solution of Borowood for 2 to 5 minutes, using the following suggested conditions and solution strengths;

Suggested Conditions and Solution Strengths for the Dip-Diffusion Method

Lumber Thickness (cm)	kg of Borowood for 1000L	Solution Temperature	Diffusion Complete
2.5	167.8	40° C	2 - 4 weeks
2.5 - 4.0	215.7	50° C	4 - 6 weeks
4.0 - 6.3	299.6	55° C	4 - 6 weeks
6.5 - 7.5	335.5	57° C	6 - 8 weeks

After dipping, the newly treated wood should be staked and stored under a tarpaulin or shed roof to slow the drying process and prevent wash-off by rainfall, thus improving penetration. Diffusion of the wood preservative into the interior of the wood will start immediately and will require several weeks to thoroughly penetrate the lumber, depending on species and thickness of wood. The dip-diffusion method of treatment can result in complete penetration throughout the whole cross-sectional area of treated lumber.

Pressure Treatment:

Pressure treatment procedures and rates must rigidly adhere to the specifications of the American Wood Preservers Association (AWPA) or Canadian Standards Association or other international treating standards or specifications for exported lumber products.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Apply/use only in areas inaccessible to children and pets. Do not apply as a broadcast application. May be harmful if swallowed. Avoid breathing the dust and contact with skin, eyes and clothing. Wear a dust/mist mask respirator when mixing and while spraying in enclosed spaces. Wear chemical resistant gloves when handling wet lumber. Do not reuse empty container.

Wear long pants, long-sleeved shirt, chemical resistant coveralls, chemical resistant gloves and a NIOSH approved N95 (minimum) filtering face piece respirator (dust mask) that is properly fit tested when mixing and loading boron as a dust/powder. Use in well-ventilated area. Wash thoroughly with soap and water after handling product and before eating, drinking, or smoking. Do not contaminate water, food or feed. Wash contaminated clothing with soap and water and separate from other laundry before reuse. This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by the cleaning of equipment or disposal of wastes. Do not use or store near heat or open flame.

FIRST AID:**IF IN EYES:**

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN**OR CLOTHING:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF SWALLOWED:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Treat symptomatically. Probable mucosal damage may contraindicate the use of gastric lavage, Measures against circulatory shock, respiratory depression and convulsion may be needed.

ENVIRONMENTAL HAZARDS:

Borowood is toxic to certain aquatic life forms. Do not apply Borowood to any body of water. Do not contaminate water or wetland areas with equipment or device rinsates or when disposing of equipment wash-waters.

STORAGE:

Do not reuse empty container. Store upright in the original, tightly sealed container in a well ventilated room. Store in a cool, dry place away from food, feed or other pesticides. Dry indoor storage is recommended. Protect from sun and humidity. Do not store near heat or open flame. To minimize caking of the product, bags should be handled on a first in, first out basis. Good housekeeping procedures should be followed to minimize dust generation and accumulation.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the Manufacturer or the Provincial Regulatory Agency. Contact the Manufacturer and the Provincial Regulatory Agency in case of a spill, and for clean-up of spills.

Disposal of waste materials including liquid concentrates, sludges, and treated wood residues (e.g. trim ends, broken lumber, chips, sawdust, planer shavings and other wood residue resulting from processing and handling of wood following its treatment and any wood waste or debris that has contact with concentrated application mixture) should be in accordance with provincial requirements. Contact the regional office of Environment Canada for specific waste disposal instructions. Do not burn treated wood waste.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.