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Systems Integration Group, Inc.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC  
ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust and avoid contact with skin, eyes, and clothing. Wear protective gloves when applying Impel Rods. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**CONDITIONS OF SALE AND WARRANTY**

CSI warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **CSI MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of CSI. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL CSI BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

**ACCEPTED**

JUN - 3 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10465-30

**IMPEL  
RODS  
SOLID WOOD PRESERVATIVE  
FOR THE PROTECTION OF WOOD  
AGAINST FUNGAL DECAY**

**ACTIVE INGREDIENT:**  
Anhydrous Disodium Octaborate (Na<sub>2</sub>B<sub>8</sub>O<sub>13</sub>) 100.0%  
(Boric Oxide Equivalent 82.0)  
**INERT INGREDIENTS:** 0.0%  
**TOTAL** 100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**If in Eyes:** Flush with plenty of water. Call a physician if irritation persists.

**If on Skin:** Wash with plenty of soap and water. Get medical attention.

**IF SWALLOWED:** Call a physician or Poison Control Center. If professional advice is not available, do not induce vomiting. Victim should drink milk or large quantities of water. Do not induce vomiting or give anything to an unconscious person.

See Side Panel for Additional Instructions

Manufactured For:  
**Chemical Specialties, Inc.**  
One Woodlawn Green, Suite 250  
200 East Woodlawn Road  
Charlotte, NC 28217  
Phone (704) 455-5181

US PAT. No. 4661157  
EPA Reg. No. 10465-30  
EPA Est. No. 64910-FL-001  
EPA Est. No. 10465-NC-002  
IMPEL is a registered trademark of  
Chemical Specialties, Inc., Charlotte, NC.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **READ THE ENTIRE LABEL BEFORE USE.**

**DIRECTIONS FOR WOOD AND WOOD PRODUCTS**

IMPEL® Rods are recommended for the preventive and remedial protection of wood and wood products, including lumber, timbers, logs, millwork, poles, piles, posts, cross-ties, laminated beams, etc. against fungal decay.

The rate of application for IMPEL Rods is 6.0 ounces of boric Acid Equivalent (BAE) per cubic foot of wood for remedial treatments and 2.0 ounces of BAE per cubic foot of wood for preventative treatments. IMPEL Rods contain 1.45 ounces of BAE per ounce. The following table shows the BAE for each size of IMPEL Rods:

IMPEL RODS BY SIZE AND BORIC ACID EQUIVALENT	Weight (ounces)	BAE (ounces)
Dimensions (dia. x length)		
1/4" x 1/2"	0.02	0.03
1/3" x 1/2"	0.05	0.07
1/3" x 1"	0.10	0.14
1/3" x 2 5/8"	0.23	0.33
1/2" x 2"	0.43	0.62
1/2" x 4"	0.85	1.23
3/4" x 3"	1.40	2.03

IMPEL Rods are designed to be inserted into decaying wood or wood in high risk areas through drilled holes. They are positioned in such a way that moisture will distribute the desired loadings of preservative throughout the target area.

There are three steps to install IMPEL Rods:

1. Drill appropriate sized holes to accommodate the predetermined number and size of IMPEL Rods required;
2. Insert the suitable size and number of IMPEL Rods into the holes; and
3. Seal the hole with a treated wood dowel, wood filler or caulk.

Drill holes 1/16 inch greater in diameter than the preservative rods to result in a snug fit. This will ensure proper diffusion in all directions from the rod. In addition, leave a minimum of 1/8 inch of headspace between IMPEL Rods and hole plug to allow for expansion. After installation, paint or any other type of surface coating may be applied to the wood if desired.

Install IMPEL Rods in the general vicinity of where the potential for decay is greatest or where decay exists. IMPEL Rods can be inserted through any wood surface depending on access, in either a staggered, linear or angled pattern. Start at 6 inches from a joint or the end of the wood and cover the entire affected length. Linear spacings along the grain should not exceed 15 inches on center and spacings across the grain should not exceed 6 inches on the center.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Store in dry conditions at all times and out of the reach of children. **DISPOSAL:** Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility. **Packaging Disposal:** Dispose of empty packaging in a sanitary landfill through ordinary trash collection or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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