

# BUSAN® 1192D

For Manufacturing Use to Impart Mildew Control on Paint and Stain Films, Adhesives, Caulks and Sealants, and Sapstain on Freshly Sawn Wood, and Decay Protection in Wood Composites

KEEP OUT OF REACH OF CHILDREN  
**DANGER** **AVISO**

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FIRST AID	
If In Eyes	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on Skin or Clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15–20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If Swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If Inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 901 278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage. Persons having temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.	

May be harmful if inhaled. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**Personal Protection Equipment (PPE):** Handlers must wear: long-sleeved shirt and long pants; shoes plus socks; protective eyewear; waterproof gloves (some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and wildlife. 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Opening dumping is prohibited.

**PESTICIDE STORAGE:** Store in a cool place. Protect from excess heat.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide formulation or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA regional office for guidance.

**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

This product is used to protect treated articles from decay, mold or mildew, including paints and stains, adhesives, caulks, grouts, sealants, wood and wood composites.

This product may not sold as a mildewcidal paint additive designed for direct sale to retail customers, e.g. in a 'pillow pack' or other small volume or one-use package.

This product may be added only to paint products that are labeled: A) with product-specific instructions for the use of a respirator during application; or B) as follows: 'When applying with a sprayer, wear a NIOSH approved respirator any P, R, or HE filter. [If oil is not present in the paint product or recommended for use as an additive in the paint product, add "N" as an additional filter type.]'

This product must not be used as an in-container preservative.

Mix contents slowly before using to assure uniform mixture. BUSAN 1192D is an aqueous dispersion containing 40.4% (w/w) active ingredient. BUSAN 1192D is to be used in water-based or water-compatible products only.

**Latex Emulsion Paints, Stains, and Coatings:** Disperse 12.4 to 24.8 pounds (9.6 to 19.3 pints) of Busan 1192D per 100 gallons of exterior paint to obtain effective mildew control in the paint film after it is applied. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. BUSAN 1192D, when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi. Use 6.2 to 12.4 pounds (4.8 to 9.6 pints) of BUSAN 1192D per 100 gallons of interior latex paint. BUSAN 1192D is compatible with zinc oxide in latex paint. BUSAN 1192D can be used with either unmodified or alkyd modified acrylic, vinyl acrylic, or polyvinyl acetate latexes. BUSAN 1192D can be added into the paint formula during the pigment grind operation, during or after letdown, or post-added to a finished paint product after manufacture. **Note:** If BUSAN 1192D is used to produce post-manufacturing paint additive products, such products must be distributed to and used by only professional personnel engaged in the mixing or blending of paints. Such post-manufacturing paint additive products may not be sold directly to homeowners or non-professional painters. If an in-can preservative is used in combination with BUSAN 1192D, its compatibility with BUSAN 1192D should be examined first. **DO NOT** use in paints designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling. **DO NOT** use in paints designed to be handled by children.

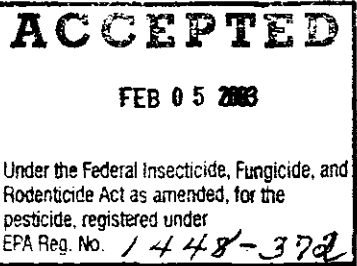
<b>ACTIVE INGREDIENTS:</b>	
Chlorothalonil (tetrachloroisophthalonitrile)	40.4%
<b>INERT INGREDIENTS:</b>	
	59.6%
<b>TOTAL</b>	<b>100.0%</b>
Contains 4.17 lbs. chlorothabnil active ingredient per gallon	

**Aqueous Adhesives:** BUSAN 1192D may be incorporated into adhesives to protect the applied adhesive films from mold growth and decomposition. Fully disperse 12.4 to 24.8 pounds of BUSAN 1192D per 1,000 pounds of adhesive while it is being manufactured. Use the high rate in areas favorable to mildew and mold growth, such as where surfaces frequently are warm and moist. **DO NOT** use in adhesives designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

**Aqueous Caulks and Sealants:** To provide mildew and mold control on caulking or sealing deposits after application, fully disperse 1.25 to 12.5 pounds of BUSAN 1192D per 1,000 pounds of caulk or sealant products while they are being manufactured. The high rate is recommended for exterior caulks. **DO NOT** use in caulks designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

**Freshly Sawn Wood:** To prevent sapstain and surface mold growth on freshly sawn wood, mix BUSAN 1192D into water-based dip treatment suspensions at the rate of 5 to 10 pounds (1/2 to 1 gallon) per 100 gallons of water. Use the high rate if the wood to be treated is expected to remain in undried condition for a prolonged period. Dip freshly-sawn wood products into the treatment suspension for sufficient time to permit thorough coating of the wood surfaces. Maintain thorough agitation of the treatment suspension while wood is being treated. Store treated wood in an area that is not subject to runoff into surface waters. Do not dispose of spent treatment suspensions in any manner that may contaminate soil or water.

**Composite Wood Products:** To provide decay protection for composite wood products, such as flakeboard or particle board that is to be used for building, sheathing, construction timbers, decking or planking, incorporate BUSAN 1192D into the wood composite material while it is being manufactured. Use 1.25 to 12.5 pounds of BUSAN 1192D per cubic foot volume of final wood composite. The high loading rate should be used in composite wood products that are intended to be installed in contact with soil or concrete, or where the wood is intended to be exposed to conditions with continuously high levels of moisture. Thoroughly incorporate BUSAN 1192D into composite material as it is being ground, mixed or blended with adhesives or binding materials prior to final formation of the wood matrix.



Manufactured by:  
**Buckman Laboratories, Inc.**

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(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1 EPA Reg. No. 1448-372

NET CONTENTS MARKED ON CONTAINER

HMIS/NPCA RATING  
Health 2 Flammability 1 Reactivity 1