

50534-115

9/24/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SEP 24 2009

Ms. Pat Dinnen
Label Group Leader for,
GB Biosciences Corporation
P. O. Box 18300
Greensboro, NC 27419-8300

Subject: Tuffcide 404
EPA Registration Number 50534-115
Your Notification Dated September 8th, 2009
EPA Received Date September 9th, 2009

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to update the Container Disposal section as per PR Notice 2007-4, is acceptable provided that you delete the following statement(s):

"Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke,"

The notification has been made part of your registration file.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell".

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7510P)

 United States Environmental Protection Agency Washington, DC 20460	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other </div>	OPP Identifier Number Notification
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Application for Pesticide - Section I

1. Company/Product Number 50534-115	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <div style="display: flex; justify-content: space-around;"> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted </div>
4. Company/Product (Name) Tuffcide 404	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) GB Biosciences Corporation P. O. Box 18300 Greensboro, NC 27419-8300 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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Explanation: Use additional page(s) if necessary. (For Section I and Section II.).

Notification of label change per PR Notice 2007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

GB Biosciences Corporation is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<i>*Certification must be submitted</i>		If "Yes" No. per Unit Packaging wgt. Container	If "Yes" No. per Unit Packaging wgt. container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Bulk	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled </div> <div> <input checked="" type="checkbox"/> Other <u>Pressure Sensitive</u> </div> </div>			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Pat Dinnen	Title Label Group Leader	Telephone No. (Include Area Code) 336-332-2494	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Specialist		6. Date Application Received (Stamped)
4. Typed Name Pat Dinnen	5. Date September 8, 2009		

$$\frac{3}{18}$$
FedEx

September 8, 2009

Attention: Ms. Linda Arrington

GB Biosciences Corporation is submitting Notification for Tuffcide 404, EPA Reg. No. 50534-115. GB Biosciences is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Attached are:

- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for “Electronic Comparison and Review”
- Certificate with Respect to Label Integrity Form
- Completed EPA Form 8570-1

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-2494.

Sincerely,

Pat Aiken

Pat Dinnen
Label Group Leader
Regulatory Affairs

Enclosures

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Version: 9/11/02

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PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
50534-115	9/8/2009	050534-00115.20090908.TUFF-404_PRN2007-4_SEP2009.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Pat Alinzen
Signature

September 8, 2009
Date

Pat Dinnen
Name (typed)

Label Group Leader _____
Title _____

[illegible]

5/18

Tuffcide® 404

Broad Spectrum Fungicide for Mold and Mildew Control in Aqueous Paints, Stains, Coatings, Adhesives, Caulks, Sealants, Grouts, Joint Compounds, Wood Preservative Stains, Freshly Sawn Lumber, Building Materials (Wood, Wallboard, Concrete, Masonry Block), and For Control of Decay and Mold Fungi in Composite Wood Materials

For Industrial Use Only

Active Ingredient:	
Chlorothalonil (tetrachloroisophthalonitrile)	40.4%
Other Ingredients:	59.6%
Total:	100.0%

This product contains 4.17 lbs. of chlorothalonil per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

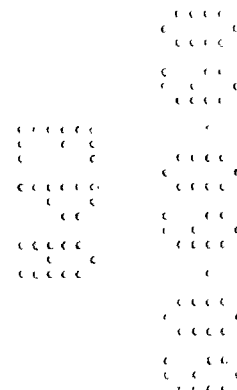
See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 50534-115

EPA Est. 50534-TX-001

SCP 50534-115A-L1B 0208

Net Contents



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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 center or doctor for further treatment advice.
<p align="center">NOTE TO PHYSICIAN</p> <p>This product may produce temporary irritation and side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having these reactions or an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p align="center">HOT LINE NUMBER</p> <p align="center">For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call 1-800-888-8372</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Note to User: Exposure to formulations containing chlorothalonil may produce temporary irritation and side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin. Persons having these reactions or allergic symptoms should contact a physician.

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

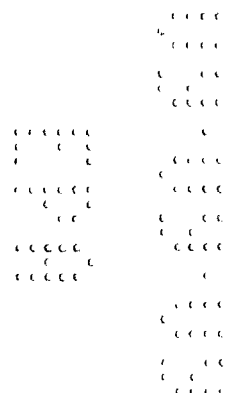
User's should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to fish 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 Environmental Protection Agency.

Wildlife: This pesticide is toxic to aquatic invertebrates and wildlife. Do not contaminate water when disposing of equipment washwater or rinsate.



CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of GB Biosciences or Seller. To the extent permitted by applicable law, Buyer and User agree to hold GB Biosciences and Seller harmless for any claims relating to such factors.

GB Biosciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or GB Biosciences, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, GB BIOSCIENCES MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall GB Biosciences be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF GB BIOSCIENCES AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF GB BIOSCIENCES OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

GB Biosciences and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of GB Biosciences.

DIRECTIONS FOR USE

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

Observe all precautions listed under "Precautionary Statements" when handling and using this product.

The product must not be formulated into a product intended as a mildewicidal paint additive designed for direct sale to retail customers, e.g. in "pillow pack" or other small volume or one-use package.

This product must not be used to formulate products for use as in-container preservatives.

This product may only be formulated into mildewicidal paint additive products that are labeled as follows:

This product may only be added to paint products that are labeled A) with product specific instructions for the use of a respirator during applications, or B) as follows "When applying with a sprayer, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P, 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 respirator type.

Tuffcide 404 MAY NOT be used for food grade coatings and adhesives.

Tuffcide 404 is intended for use in aqueous systems only. Before use, thorough mixing of Tuffcide 404 is recommended to assure a uniform mixture. Add Tuffcide 404 at levels of 0.12% to 3.8% (wt/wt) depending upon the **substrate** to be protected, the fungal hazard, and the duration of protection desired.

When an in-can preservative is used in combination with Tuffcide 404, it should be tested first for compatibility. Further information is available from our Technical Service personnel.

It is the responsibility of the **manufacturer** to test Tuffcide 404 for optimum dosage levels and to determine compatibility and suitability for the intended use.

LATEX EMULSION PAINTS, STAINS, AND COATINGS

Levels of 5 to 10 pounds of Tuffcide 404 per 100 gallons (approximately 0.5% to 1.0% wt/wt) are effective for interior applications, while 10 to 25 pounds (1.0% to 2.5%) normally provide sufficient protection for exterior uses. Tuffcide 404 can be added during the pigment grind operation, during or after letdown. Tuffcide 404 is compatible with paints and coatings containing zinc oxide.

AQUEOUS ADHESIVES, CAULKS, AND SEALANTS

Aqueous Adhesives: Use 0.12 to 2.38 pounds of Tuffcide 404 per 100 pounds (0.12% to 2.38% wt/wt) with dosage rate depending on fungal hazard and duration of protection desired.

Aqueous Caulks and Sealants: Use 0.25 to 1.25 pounds of Tuffcide 404 per 100 pounds (0.25% to 1.25% wt/wt) to provide mildew control on interior and exterior caulks and sealants.

GROUTS AND JOINT COMPOUNDS

Add Tuffcide 404 to grouts and joint compounds at 1.0 to 3.8% by weight during the blending process, e.g. 1.0 to 3.8 pounds of Tuffcide 404 per 100 pounds of grout or joint compound blend.

WOOD PRESERVATIVE STAINS

Above Ground Application: Add Tuffcide 404 at the rate of 10 to 25 pounds per 100 gallons of water-based stain formulation to prevent growth of mold, mildew, and wood decay fungi.

Tuffcide 404 can be added during the pigment grind operation, during or after letdown, or post-added to a finished product. Tuffcide 404 is compatible with stains containing zinc oxide. It is the responsibility of the formulator to determine the suitability of Tuffcide 404 for this use and to obtain end-use product registrations.

FRESHLY SAWN WOOD

Mix Tuffcide 404 with water at the rate of 5 to 10 lbs. (½ to 1 gallon) per 100 gallons to inhibit growth of sapstain and mold fungi on freshly sawn wood. Use the higher rate under adverse conditions or when the wood is expected to remain wet for prolonged periods. Treat freshly-sawn wood products thoroughly to ensure coverage of all exposed wood surfaces. Agitate treatment suspensions periodically during treating. Store treated wood where runoff will not contaminate surface waters. Dispose of spent treatment suspensions in a manner which avoids contamination of soil or water.

SEASONED WOOD

To control mildew and mold fungi on seasoned wood above ground, mix Tuffcide 404 with water, water repellent, or latex coating at the rate of 10 to 25 lbs. (1 to 2.5 gallons) per 100 gallons and apply by brush, dip, or spray.

MOLD CONTROL ON PRESSURE TREATED WOOD

To control mildew and mold fungi on wood pressure treated with water-borne preservatives (see American Wood-Preservers' Association Standard P5), treat with Tuffcide 404 in the following manner:

- **APPLY WITH PRESSURE TREATMENT:** Add 0.2 to 0.4 gallons of Tuffcide 404 to 100 gallons of pressure treating solution ready to use. Pressure treat wood or lumber according to recommendations of the American Wood-Preservers' Association.
- **APPLY BEFORE PRESSURE TREATMENT:** Dip wood in a dipvat containing 0.2 to 0.4 gallons of Tuffcide 404 in 100 gallons of water. This treatment will control mold while wood is air drying prior to pressure treating. If desired, pressure treating may be conducted immediately following to dip treatment.
- **APPLY AFTER PRESSURE TREATMENT:** Dip the pressure treated wood in a dipvat containing 0.2 to 0.4 gallons of Tuffcide 404 in 100 gallons of water. Conduct this treatment as soon after pressure treating as possible.

WOOD COMPOSITES

Tuffcide 404 will provide decay and mold protection of wood composites such as those used for building siding, sheathing, construction timbers, decking and planking. Thoroughly incorporate Tuffcide 404 during the blending or manufacturing process and before formation of the finished composite. Add 1.25 to 12.5 lbs. of Tuffcide 404 per cubic foot of wood composite material. Use the higher addition rate where the composite will be exposed to soil or concrete, or where the wood will be exposed to conditions conducive to the growth of mold and fungi.

MOLD AND MILDEW CONTROL IN WOOD, WALLBOARD, CONCRETE, AND MASONRY (CINDER) BLOCK CONSTRUCTION MATERIALS IN BUILDINGS

Tuffcide 404 is used to treat wood, wallboard, concrete, and masonry (cinder) block building materials to inhibit or prevent the growth of mold organisms when the materials are subjected to moist or wet environments. Before applying this product, visible mold growth must be removed, and conditions favorable to mold growth must be identified and corrected.

This product is compatible and may be mixed with wood protection products containing borates.

When used on the interior sides of living spaces the treated surfaces must be subsequently covered with over-layment materials such as wallpaper, paint, or similar coatings.

DO NOT use on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

PREVENTATIVE TREATMENT

To inhibit surface mold and mildew growth on wood, wallboard, concrete, and masonry (cinder) block construction materials in new or renovated building construction, mix Tuffcide 404 into water at the rate of 2 gallons (21 lbs.) per 100 gallons of water and apply evenly by paintbrush, airless sprayer, low pressure handwand, or backpack sprayer. Assure uniform coverage of surfaces to be protected (approximately 500 square feet per gallon). Surfaces should be evenly wet without runoff or pooling. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring.

Repeat the application of this product as necessary if mold growth appears, following directions provided below for REMEDIAL TREATMENT. If regrowth occurs, investigate to determine the cause and correct the problem prior to reapplication of Tuffcide 404. Mold may recur in conditions of persistently high humidity, standing water, or hidden water leaks.

REMEDIAL TREATMENT

Tuffcide 404 must be used as part of a comprehensive mold remediation or water damage restoration program, including:

- Periodic monitoring and inspection of conditions favorable to mold growth such as moisture ingress and high relative humidity.
- Effecting repairs as necessary to eliminate conditions favorable to mold growth.
- Drying of affected areas to below 20% moisture content.

Mix Tuffcide 404 into water at the rate of 2 gallons (21 lbs.) per 100 gallons of water and apply evenly by paintbrush, airless sprayer, low pressure handwand, or backpack sprayer. Assure uniform coverage of surfaces to be protected (approximately 500 square feet per gallon). Surfaces should be evenly wet without runoff or pooling. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring.

The following associations and Internet sites should be consulted for information on standards and guidelines for remedial treatment of mold and mildew:

- IAQA-Indoor Air Quality Association (www.iaqa.org)
- EPA-Environmental Protection Agency (www.epa.gov)
- DOH-New York City Department of Health
(www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html)
- IICRC-Institute of Inspection, Cleaning and Restoration Certification
(<http://www.iicrc.org/>)

Small Areas-Total Surface Area Affected Less Than 10 Square Feet

Cleanup Methods*

Wood Surfaces

Prior to applying Tuffcide 404, clean the affected area using one of the following or another preferred professional method.

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

*Minimum personal protective equipment to be worn during cleanup includes gloves, N-95 respirator and goggles/eye protection.

Wallboard (Drywall and Gypsum Board)

Prior to applying Tuffcide 404, clean the affected area using high-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

*Minimum personal protective equipment to be worn during cleanup includes gloves, N-95 respirator and goggles/eye protection.

Other Construction Materials

Concrete or Cinder Block

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: High-efficiency air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

Special procedures and training are required for remediation of moldy areas larger than 10 square feet. Consult guidelines for remediation of large areas established by the Indoor Air Quality Association (www.iaqa.org) and the U.S. Environmental Protection Agency (www.epa.gov). An excellent reference is the New York City Department of Health publication, "Guidelines on Assessment and Remediation of Fungi in Indoor Environments." An excellent guide for professional mold remediation is available from the Institute of Inspection, Cleaning And Restoration Certification (IICRC). Standard S520 is based upon reliable remediation and restoration techniques, and combines academic principles with practical elements of water damage restoration. Where structural members and/or contents have been exposed to water in excess of 24 hours, there is a possibility of extensive microbial growth that may be hidden. In such a case a complete assessment and remediation plan must be prepared that provides for user and occupant safety and documentation and monitoring of the remediation process. IICRC S520 contains excellent guidance for such a plan. In the context of such a plan, Tuffcide 404 can be used on materials to be removed and disposed of and in other applications where mold inhibition is indicated. The standard must be followed exactly and all growth and contaminated organic material removed prior to using Tuffcide 404. Before using Tuffcide 404 in mitigation of large projects, you should be knowledgeable of these guidelines and follow their recommendations.

In the absence of access to the guidance and standards identified, the user should refer to the following information taken from U.S. EPA's guide: "Mold Remediation in Schools and Commercial Buildings (March 2001)". These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods. Use the appropriate remediation steps prior to application of Tuffcide 404.

Medium-Total Surface Area Affected Between 10 and 100 Square Feet

Wood Surfaces

Cleanup Methods*

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or with wood floor cleaner; scrub as needed.
- Method 3: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

Wallboard (Drywall and Gypsum Board)

- Method 1: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 2: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Other Construction Materials

Concrete or Cinder Block

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

*Limited or Full personal protective equipment is recommended during cleanup. Limited personal protective equipment includes gloves, N-95 respirator or half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full personal protective equipment includes gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.

Use professional judgment, consider potential for remediator exposure and size of contaminated area.

Large-Total Surface Area Affected Greater Than 100 Square Feet or Potential for Increase

Occupant or Remediator Exposure During Remediation Estimated to be Significant

Wood Surfaces

Cleanup Methods*

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or with a wood floor cleaner; scrub as needed.
- Method 3: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 4: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Wallboard (Drywall and Gypsum Board)

Cleanup Methods*

- Method 1: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 2: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Other Construction Materials

Concrete or Cinder Block

Cleanup Methods*

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: High-efficiency particulate (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

*Gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter are the recommended personal protective equipment.

*Select method most appropriate to situation. Since molds gradually destroy the things they grow on, if mold growth is not addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage/remediation expert. Please note that these are guidelines; other cleaning methods may be preferred by some professionals.

*Use professional judgment to determine prudent levels of Personal Protective Equipment and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Assess the need for increased Personal Protective Equipment if, during the remediation, more extensive contamination is encountered than was expected. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then the Occupational Safety and Health Administration (OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

Containment of Affected Materials

Total Surface Area Affected Between 10 and 100 Square Feet (All Surfaces)

Use polyethylene sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.

Total Surface Area Affected Greater Than 100 Square Feet or Potential for Increased Occupant or Remediator Exposure During Remediation Estimated to be Significant

Use two layers of fire-retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool place. Protect from excessive heat.

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 the nearest EPA Regional Office for guidance.

Container Handling

Refillable container. Refill this container with pesticide only. Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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SCP 50534-115A-L1B 0208

TUF 50534-115A-L1B 0208 - bb - 5-9-08
TUF 50534-115A-L1B 0208 PRN2007-4 NOTIF-SEP2009 CLEAN - pl - 9/8/09
050534-00115.20090908.TUFF-404 PRN2007-4 SEP2009.pdf

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