



CLIENT: DUNE CRAFT INCORPORATED
P.O. Box 808
CHAGRIN FALLS, OH 44022

Test Report No: 177:009934-02-R1

Original Date: January 24, 2008
Revised Date: March 12, 2008

The following sample was submitted by the Client as: **Grown Your Own Pine Tree**

DATE OF RECEIPT: January 21, 2008

TESTING PERIOD: January 24, 2008

AUTHORIZATION: Order Confirmation No. 177:009934, dated January 21, 2008

TEST(S) REQUESTED: ASTM F963-07, "Standard Consumer Safety Specification for Toy Safety including Flammability of Solids as per 16 CFR 1500.44.

TEST RESULTS: The submitted sample does comply with the above referenced Standard, (ASTM F963-07 for Toy Safety) Please see following pages

PREPARED BY:

**Arthur D. Fiorino, Senior Technician
Product Evaluation**

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**

**Dominick Lepore, Manager
Products and Building Materials**

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Mechanical Hazards: Toy Safety, ASTM F963-07

Procedure (Summary): The submitted samples were tested for compliance with the requirements of ASTM F963-07, Section 4 for Toy Safety.

Labeled Age Group: 4 Years and Older

Sample I.D.: Grown Your Own Pine Tree

Safety Requirements:

		Pass	Fail	N/A	Not Performed
As Received					
4.1	Material Quality	X			
4.2	Flammability	X			
4.3.1	Hazardous Substances			X	
4.3.2	Manufacturing and Packaging of Food			X	
4.3.3	Indirect Food Additives			X	
4.3.3.1	Toys in Contact with Food			X	
4.3.3.2	Ceramic, Lead and Cadmium Contamination			X	
4.3.4	Cosmetics			X	
4.3.4.1	Must comply with this requirements of this specification and FHSA Regulations, not withstanding the exclusions of 16 CFR 1500.8 and 1500.3 (b) (4) (ii).			X	
4.3.4.2	The requirements from the FDA will therefore additive to those existing for children's Products.			X	
4.3.5	Paint and Similar Surface Coatings			X	
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels & Powders			X	
4.3.7	Stuffing Materials			X	
4.3.8	DEHP			X	
4.4	Electrical/Thermal Energy			X	
4.5	Sound Producing Toys				
4.5.1	Handheld, Tabletop, Crib, and Floor Toys			X	
4.5.2	Close-to-the-ear Toys			X	
4.5.3	All toys with Impact-type Impulsive Sounds			X	
4.5.4	All toys with Explosive-type Impulsive Sounds			X	



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		Pass	Fail	N/A	Not Performed
4.5.5	Percussion Caps				
4.6	Small Objects				
4.6.1	Toys intended for Children Under 36 Months			X	
4.6.1.1	Accessibility of Small Objects			X	
4.6.1.2	Small Objects Exemptions			X	
4.6.1.3	Toys for Adult Assembly			X	
4.6.2	Mouth Actuated Toys			X	
4.6.2.1	Small Objects in an Inflatable Toy			X	
4.6.3	Toys & Games for 36-72 Months			X	
4.7	Accessible Edges	X			
4.7.1	Metal & Glass Edges			X	
4.7.2	Hazardous Edges Cautionary Labels			X	
4.7.3	Metal Toys			X	
4.7.4	Molded Toys			X	

4.7.5	Exposed Bolts or Threaded Rods			X	
4.8	Projections			X	
4.9	Accessible Points	X			
4.9.1	Hazardous Sharp Points			X	
4.9.2	Necessary Sharp Points			X	
4.9.3	Wood			X	
4.10	Wires or Rods			X	
4.11	Nails and Fasteners			X	
4.12	Packaging Film	X			
4.12.1	Shrink Film			X	
4.12.2	Bags with Minor Dimension < 100 mm			X	
4.13	Folding Mechanisms and Hinges				
4.13.1	Folding Mechanisms			X	
4.13.2	Hinge-Line Clearance			X	
4.14	Cords and Elastics				
4.14.1	Cords and Elastics in Toys			X	
4.14.1.1	Self Retracting Pull Cords			X	
4.14.2	Pull Toys			X	
4.14.3	Strings and Lines for Flying Devices			X	
4.14.4	Cords on Toy Bags Intended for Children up to 18 Months			X	
4.14.5	Cords on Toy Bags for Children Up to 18 Months			X	
4.15	Stability and Over-Load Requirements				
4.15.1	Stability of Ride-On Toys and Seats			X	
4.15.2	Sideways Stability Requirements			X	
4.15.2.1	Sideways Stability, Feet Available for Stabilization			X	



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		Pass	Fail	N/A	Not Performed
4.15.2.2	Sideways Stability , Feet Unavailable For Stabilization			X	
4.15.3	Fore and Aft Stability			X	
4.15.4	Stability of Stationary Floor Toys			X	
4.15.5	Overload Requirements for Ride-On Toys and Seats			X	
4.15.6	Wheeled Ride-On Toys			X	
4.16	Confined Spaces			X	
4.16.1	Ventilation			X	
4.16.1.1	Two Openings > 1 in ²			X	
4.16.1.2	One Opening			X	
4.16.2	Closures			X	
4.16.2.1	Force to Open Closure			X	
4.16.3	Toys that Enclose the Head			X	
4.17	Wheels, Tires, and Axles			X	
4.18	Holes, Clearance, and Accessibility of Mechanisms			X	

4.18.1	Accessible Clearances for Moveable Segments			X	
4.18.2	Circular Holes in Rigid Materials			X	
4.18.3	Chains and Belts			X	
4.18.3.1	Supporting Chains			X	
4.18.3.2	Chains or Belts for Ride-On Toys			X	
4.18.4	Inaccessibility of Mechanisms			X	
4.18.5	Winding Keys			X	
4.18.6	Coil Springs			X	
4.18.6.1	0.12 in (3 mm) Diameter Rod			X	
4.18.6.2	0.25 in (6 mm) Diameter Rod			X	
4.19	Simulated Protective Devices			X	
4.19.1	Eye Protection			X	
4.19.2	Simulated Protective Devices Label			X	
4.20	Pacifiers			X	
4.20.1	Pacifiers with Rubber Nipples			X	
4.20.2	Toy Pacifiers			X	
4.21	Projectile Toys			X	
4.21.1	Projectiles Intended to be Fired from a Toy			X	
4.21.1.1	Projectile Sharp Edges, Sharp Points, and Small Parts			X	
4.21.1.2	Projectile Tip Radius			X	
4.21.1.3	Rigid Projectiles with Kinetic Energy			X	
4.21.1.4	Projective Tip			X	



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		Pass	Fail	N/A	Not Performed
4.21.2	Discharge Mechanisms			X	
4.21.3	Arrows			X	
4.22	Teethers and Teething Toys			X	
4.22.1	Teethers and Teething Toys Dimensional Requirements			X	
4.22.2	Teethers and Teething Toy Ends			X	
4.22.3	Exclusion			X	
4.23	Rattles			X	
4.23.1	Rigid Rattles			X	
4.24	Squeeze Toys			X	
4.24.1	Squeeze Toys Dimensional Requirements			X	
4.24.2	Squeeze Toys Ends			X	
4.25	Battery-Operated Toys			X	
4.25.1	Battery Compartment			X	

4.25.1.1	Non-Replaceable Batteries			X	
4.25.2	Maximum Allowable dc Potential			X	
4.25.3	Positive Protection			X	
4.25.4	Battery Accessibility for Children Under 3			X	
4.25.5	Batteries which are Small Parts			X	
4.25.6	Batteries of Different Types			X	
4.25.7	Battery Surface Temperature			X	
4.25.7.1	Battery Operated Toys Requirement Applicability			X	
4.25.7.2	Stalled Motor Condition			X	
4.25.8	No condition shall occur that would cause the toy to fail the temperature requirements of 4.25.7 or present a combustion hazard as described in 4.25			X	
4.25.9	Safe Battery Usage Instructions			X	
4.25.10	Battery-Powered Ride-On Toys			X	
4.25.10.1	Maximum Insulation Temperature			X	
4.25.10.2	Stalled Motor Test			X	
4.25.10.3	Primary Circuit Protection			X	
4.25.10.4	Switches Used in Battery-Powered Ride-On Toys			X	
4.25.10.5	User Replaceable Circuit Protection			X	
4.25.10.6	Batteries, and Battery Chargers			X	
4.25.10.7	Short Circuit Protection			X	
4.25.10.8	Strain Relief on Wires			X	
4.25.10.9	Battery Powered Ride-On Toys Label Requirements			X	



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		Pass	Fail	N/A	Not Performed
4.26	Toys Intended to be Attached to a Crib or Playpen			X	
4.26.1	Protrusions			X	
4.26.2	Crib Mobiles			X	
4.26.3	Crib Gyms			X	
4.27	Toy Chests				
4.27.1	Lid Support			X	
4.27.1.1	Toy Chests with Vertical Opening			X	
4.27.1.2	7000 Opening and Closing Cycles			X	
4.27.1.3	Lid Support Mechanism			X	
4.27.1.4	Lid Support Mechanism Design			X	
4.27.2	Hinge Line Clearance			X	
4.27.3	Closures			X	
4.27.4	Ventilation			X	

4.27.4.1	Toy Chest with Door or Lid			X	
4.27.4.2	Permanent Partition or Bars			X	
4.27.5	Toy Chests Safety Labeling			X	
4.28	Stuffed and Beanbag-Type Toys			X	
4.29	Stroller and Carriage Toys			X	
4.30	Art Materials			X	
4.30.1	Toys and Components of Toys that Are Art Materials			X	
4.30.2	Toys and Components that Contain Hazardous Materials			X	
4.30.3	Toys and Components that Pose a Chronic Health Hazard			X	
4.31	Toy Gun Marking			X	
4.31.1	Toys that Resemble a Firearm			X	
4.31.2	Exemptions			X	
4.31.2.1	Futuristic Toy Guns			X	
4.31.2.2	Nonfiring Collector Antique Firearms			X	
4.31.2.3	BB, Paintball, or Pellet Guns			X	
4.31.2.4	Decorative Ornamental & Miniature Objects that Resemble a Firearm			X	
4.31.3	Markings			X	
4.31.3.1	Orange Plug			X	
4.31.3.2	Orange Band			X	
4.31.3.3	Coloration of Exterior Surface			X	
4.32	Balloons			X	
4.33	Certain Toys with Spherical Ends			X	
4.33.1	Toys for Children Under 18 Months			X	
4.33.1.1	Exclusion			X	
4.33.2	Preschool Play Figures			X	



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		Pass	Fail	N/A	Not Performed
4.33.2.1	Toys for Children Under 3 years			X	
4.33.2.2	Exclusion			X	
4.34	Marbles			X	
4.34.1	Toys and Games for Children 3-8 Years of Age			X	
4.35	Balls				
4.35.1	Balls for Children under 36 Months			X	
4.35.2	Toys for Children 3-8 Years of Age			X	
4.36	Pompoms			X	
4.37	Hemispheric-Shaped Objects			X	

4.37.1	Objects Intended for Drinking			X	
4.37.2	Objects Intended to Hold Liquids			X	
4.37.3	Airtight Containers			X	
4.37.4	Non-detachable Components of Larger Products			X	
4.37.5	Containers Intended to be Discarded			X	
4.37.6	Performance Requirements			X	
4.38	Yo Yo Elastic Tether Toys			X	
4.38.1	Toys with an end mass of greater than 0.04 lb. shall have a cord length less than 20 in. measured when rotating at 80 r/min. Testing shall be conducted in accordance with 8.24.			X	
4.39	Magnets			X	
4.39.1	Loose Magnet Labeling			X	
4.39.2	Compliance with Sections 8.5 through 8.10			X	
5	Labeling Requirements				
5.1	Federal Government Requirements				
5.2	Age Grading Labeling	X			
5.2.1	Costumes and Ride-On Toys			X	
5.2.2	Guidelines for Determining Appropriate Age Grade	X			
5.3	Safety Labeling Requirements			X	
5.3.1	Alert Symbol, Signal Word, and Text			X	
5.3.2	"CAUTION" "WARNING"			X	
5.3.3	Required and Recommended Text			X	
5.3.4	Principal Display Panel			X	
5.3.5	Labeling on Package			X	
5.3.6	Labeling, Conspicuous and Legible			X	
5.3.7	Printed Labeling			X	
5.3.8	Applied Labeling			X	
5.4	Aquatic Toys			X	
5.5	Crib and Playpen Toys			X	



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		Pass	Fail	N/A	Not Performed
5.5.1	Age Grading			X	
5.5.2	Safety Labeling	X			
5.6	Mobiles			X	
5.6.1	Age Grading			X	
5.6.2	Safety Labeling			X	
5.6.2.1	Mobiles for Crib or Playpen			X	
5.6.2.2	Mobiles for Wall or Ceiling			X	
5.7	Stroller and Carriage Toys			X	
5.8	Toys Intended to be Assembled by an Adult			X	
5.9	Simulated Protective Devices			X	
5.10	Toys with Functional Sharp Edges Or Points			X	

5.11	Small Objects, Small Balls, Marbles, And Balloons				
5.11.1	Packages			X	
5.11.1.1	Labeling Statements			X	
5.11.1.2	Statement Appearance			X	
5.11.1.3	Labeling Statements Type Size			X	
5.11.1.4	Equilateral Triangle			X	
5.11.2	Toys and Games for Children 3-6 Years			X	
5.11.3	Small Ball for Children 3 or Older			X	
5.11.3.1	Toy or Game for Children 3-8 Years			X	
5.11.4	Marble for Children 3 or Older			X	
5.11.4.1	Toy or Game for Children 3-8 Years			X	
5.11.5	Latex Balloon			X	
5.11.6	Combination of Labeling Statements			X	
5.11.7	Alternate Labeling Statements			X	
5.11.7.1	Toy or Game with Small Object, Small Ball, or Marble			X	
5.11.7.2	Toy or Game that Contains a Balloon			X	
5.12	Toy Caps			X	
5.13	Art Materials			X	
5.14	Electric Toys			X	
5.15	Battery Operated			X	
5.15.1	Battery Powered Ride-On Toys			X	
5.15.1.1	Adult Supervision Required, RISK OF FIRE			X	
5.15.1.2	Packaging or Point-of-Sale, Literature Age and Weight Limitations			X	
5.15.1.3	Packaging or Point-of-Sale Literature			X	
5.16	Promotional Material			X	
6	Instructional Literature				



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		<u>Pass</u>	<u>Fail</u>	<u>N/A</u>	<u>Not Performed</u>
6.1	Definition and Description			X	
6.2	Toy Chests			X	
6.3	Crib and Playpen Toys			X	
6.3.1	Toys not Intended to be Mouthed			X	
6.3.2	Cribs with Adjustable Mattress Levels			X	
6.3.3	Drop Side of the Crib			X	
6.3.4	Fasteners			X	
6.3.5	Strings or Straps			X	

6.4	Mobiles				
6.4.1	Crib Mobile for Visual Stimulation			X	
6.4.2	Crib or Playpen Attachment			X	
6.4.3	Wall or Ceiling Mounting			X	
6.4.4	Fasteners According to Instructions			X	
6.5	Toys Intended to be Assembled By an Adult			X	
6.6	Battery Operated Toys			X	
6.6.1	Do not mix old and new batteries			X	
6.6.2	Do not mix alkaline, standard (carbon Zinc), or rechargeable (nickel Cadmium) batteries			X	
6.6.3	Instruction for Battery-Powered Ride-On Toys			X	
6.6.3.1	Maximum Weight or Age			X	
6.6.3.2	Appropriate Surfaces			X	
6.6.3.3	Warning Statements			X	
6.6.3.4	Specified Batteries			X	
6.6.3.5	Specified Charger			X	
6.7	Toys in Contact with Food			X	
7	Producer's Markings				
7.1	Name and Address of Producer or Distributor	X			
7.2	Toy Chests			X	
7.2.1	Name and Address of Manufacturer Distributor, or Seller			X	
7.2.2	Code Mark or Other Mark			X	
7.2.3	Model Number			X	
7.3	Battery-Powered Ride-On Toys			X	



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NOTES:

Conclusion: When tested as specified, the submitted sample **meets** the requirements of ASTM F963-07 for toy safety.



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Flammability Test: Federal Hazardous Substances Act and ASTM F963-07

Procedure:

The method of testing was that described in **16 CFR 1500.44** of the *Federal Hazardous Substances Act and ASTM F963-07* for rigid and pliable solids.

Requirement:

A material is considered "flammable" if it ignites and burns with a self-sustained flame at a rate greater than 0.1 inches per second along its major axis.

NOTE:

It is our understanding that a sample is considered as having passed the test requirement if it self-extinguishes before burning 6 inches and prior to the lapse of 60 seconds.

Sample ID: Coconut Coir Pot

	Area of Initial Flame Contact	Burn Length (inches)	Time (seconds)	Burn Rate (inches/second)
Burn 1	Upper Edge	5.50	60	0.09
Burn 2	Lower Edge	3.00	60	0.05
Burn 3	Upper Edge	4.50	60	0.07
Burn 4	Lower Edge	3.00	60	0.05

Sample ID: Plastic Bag

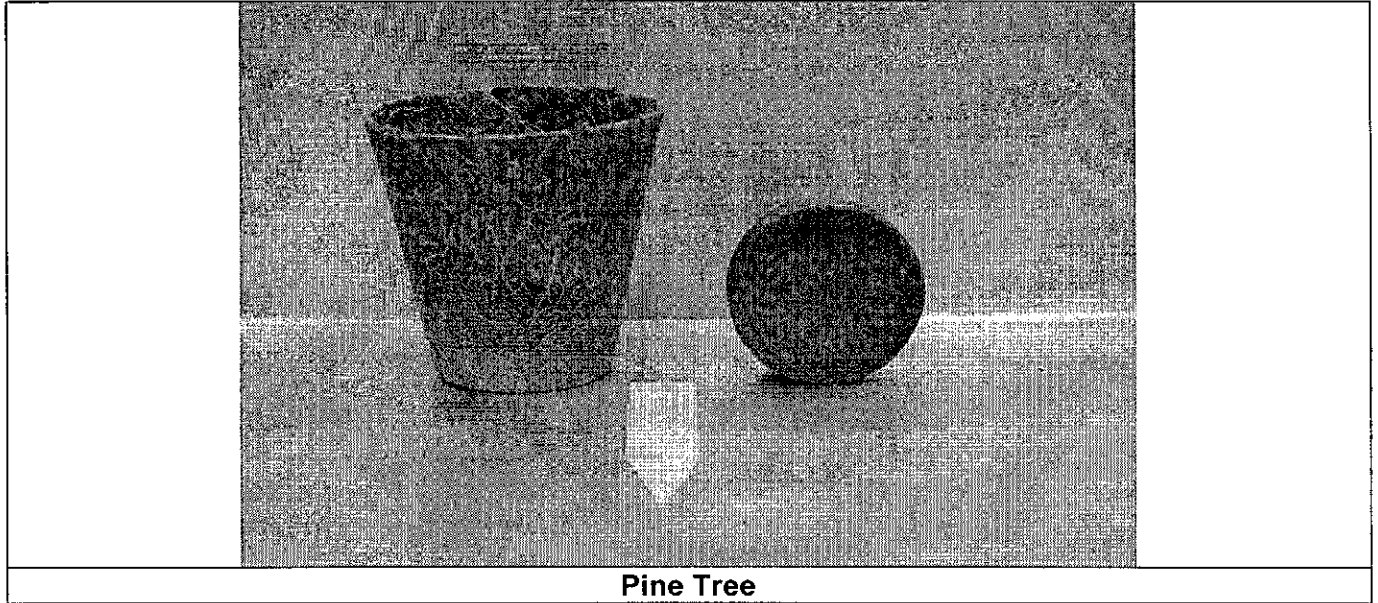
	Area of Initial Flame Contact	Burn Length (inches)	Time (seconds)	Burn Rate (inches/second)
Burn 1	Corner	3.00	30	IBE - 0.10
Burn 2	Corner	2.00	25	IBE - 0.08
Burn 3	Corner	1.00	17	IBE - 0.06
Burn 4	Corner	2.00	15	IBE - 0.13

*DNI = Did not Ignite

**IBE = Ignited but Extinguished

Conclusion: Based upon the results of the test reported above, the submitted sample **complies** with the requirements of the U.S. Federal Hazardous Substances Act, 16 CFR 1500.44 and ASTM F963-07.

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End of Report