



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE COLISEUM 450 CODE: 5184		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE Oil Modified Wood Floor Finish			
MANUFACTURER'S NAME BUCKEYE INTERNATIONAL, INC.		SUPPLIER'S NAME	
STREET ADDRESS 2700 WAGNER PLACE		STREET ADDRESS	
CITY MARYLAND HEIGHTS	PROVINCE MISSOURI, U.S.A.	CITY	PROVINCE
POSTAL CODE 63043-3471	MEDICAL EMERGENCY TELEPHONE NUMBER 1-800-303-0441	POSTAL CODE	EMERGENCY TELEPHONE NO.
TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053			

SECTION 2 - INGREDIENTS

INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Mineral Spirits	31.33	64742-47-8	5g/kg Rat oral	Not Available
Naptha, heavy straight run	13.03	64741-41-9	4700 mg/kg Rat oral	700 ppm/Rat
Dimethyl benzene	4.48	1330-20-7	4300 mg/kg Rat oral	5000 ppm/Rat
Ethylbenzene	0.93	100-41-4	>2000 mg/kg Rat oral	2-20 mg/L/4hr Rat
Proprietary Resin	30-60	Trade Secret	Not Available	Not Available

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Mineral Spirit Odor - Clear Light Amber Solution			
VAPOUR PRESSURE (mmHG) 6.0mmHg @20°C	VAPOUR DENSITY (Air=1) 5.1	EVAPORATION RATE (Butyl acetate =1) 0.6	BOILING POINT (°C) 139°	FREEZING POINT (°C) 0°
pH (CONC.) Not determined	pH (USE DILUTION) RTU NA	SPECIFIC GRAVITY 0.89	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY Yes	IF YES, UNDER WHICH CONDITIONS? If product is used near or above flashpoint, an ignition hazard may be present. Activities, uses & operations which liberate vapor may present an ignition hazard.	
MEANS OF EXTINCTION CO ₂ , Foam, Dry Chemical & Water Fog Use water spray to cool nearby containers and structures exposed to fire.		
FLASHPOINT (°C) AND METHOD 38°C TCC	UPPER FLAMMABLE LIMIT (% BY VOLUME) 6%	LOWER FLAMMABLE LIMIT (% BY VOLUME) 1%
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon.		
EXPLOSION DATA None	SENSITIVITY TO IMPACT No	SENSITIVITY TO STATIC DISCHARGE Can be sensitive

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY Yes	IF NO, UNDER WHICH CONDITIONS?
INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes	IF SO, WHICH ONES? Strong oxidizers
REACTIVITY, AND UNDER WHAT CONDITIONS None Known	
HAZARDOUS DECOMPOSITION PRODUCTS None Known	

PRODUCT IDENTIFIER					
BUCKEYE COLISEUM 450 CODE 5184					
SECTION 6 - TOXICOLOGICAL PROPERTIES					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	Yes	Yes	Yes	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Moderate skin irritant. Harmful if inhaled, ingested or absorbed through skin. This product contains ingredients that may contribute to the following potential chronic effects: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May cause liver and kidney damage. Moderate eye irritant.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
Brain and nervous system damage					
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY
Ethyl benzene and dimethyl benzene 100ppm PEL & TLV	Moderate skin irritation and eye irritation		Not Available		Ethylbenzene has animal evidence only.
TERATOGENICITY	REPROD. TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS
None Known	Ingredients have shown evidence of effects in animals.		No		None Known
SECTION 7 - PREVENTIVE MEASURES					
PERSONAL PROTECTIVE EQUIPMENT		RESPIRATOR (SPECIFY)			
GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves.		None under normal use. If air monitoring demonstrates levels above applicable limits, a properly fitting respirator should be used during application.		EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.	
FOOTWEAR (SPECIFY) Footwear that keeps feet dry is suggested.		CLOTHING (SPECIFY) Normal clothing which covers skin.		OTHER (SPECIFY) None required.	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Maintain adequate room ventilation.					
LEAK AND SPILL PROCEDURE Pick up with dry mop, absorbent material, towels or rags. Clean area with mineral spirits. Allow residue to evaporate. Allow floor to dry before allowing traffic.					
WASTE DISPOSAL Do not flush to sanitary sewer. Dispose of solid material in approved and permitted landfill. Dispose of liquid by permitted incinerator or biological treatment system following local, provincial, and federal law.					
HANDLING PROCEDURES AND EQUIPMENT Use self contained breathing apparatus or airmask for large spills in a confined area. Avoid breathing vapors. Wash hands thoroughly with soap and water after using product.					
STORAGE REQUIREMENTS KEEP OUT OF REACH OF CHILDREN! Do not store above 49°C. Store at room temperature. Keep container closed when not in use. Empty containers may contain residue including flammable or explosive vapors. Do not cut, puncture or weld on or near this container. Store away from heat, sparks and open flames. Follow all label warnings. Dust from screening floors and finish soaked rags can auto ignite. Immerse dust in water and open rags to air dry before discarding the waste.					
SPECIAL SHIPPING INFORMATION					
Paint, Not Regulated (Combustible Liquids Exemption)					
SECTION 8 - FIRST AID MEASURES					
SPECIFIC MEASURES For Eyes: Flush with cool water for 15 minutes. See physician. For Skin: Wash with soap and water for at least 15 minutes. If irritation occurs and persists, see physician. Wash clothing before reuse and clean contaminated shoes. For Ingestion: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional. For Inhalation: Remove to fresh air. If symptoms persists, seek medical attention. If not breathing, call 911 or ambulance and give artificial respiration, preferably, mouth-to-mouth. This product is regulated under WHMIS. (D.2.B. and FLAMMABLE)					
				RATING	
				4 = EXTREME	
				3 = SERIOUS	
				2 = MODERATE	
				1 = SLIGHT	
				0 = MINIMAL	
SECTION 9 - PREPARATION DATE OF MSDS					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS			(314) 291-1900		March 1, 2012