



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE CASTLEGUARD CODE: 5125		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE Floor Finish, Water Based			
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	% wgt/wgt	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Diethylene Glycol Ethyl Ether	4.7	111-90-0	Rat Oral 5.4 g/kg	>10 g/kg Rabbit Skin
Water	40-70	7732-18-5	Not Available	Not Available
Acrylic Emulsion	30-60	25987-66-0	Not Available	24,000 ppm Rat
Ethylene Co-Polymer Emulsion	5-10	67892-91-5	Not Available	Not Available
Acrylate Copolymer	5-10	63744-68-3	Not Available	Not Available
Tributoxyethyl Phosphate	1-5	78-51-3	Rat Oral 9.49 g/kg	30 mg/L Rat

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Sweet Polymer - White Opaque Solution			
VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water=1) 1.0	BOILING POINT (°C) 100°	FREEZING POINT (°C) 0°
pH (CONC.) 8.0 ± 0.2	pH (USE DILUTION) RTU 8.0 ± 0.2	SPECIFIC GRAVITY 1.03 + 0.01	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? No				
MEANS OF EXTINCTION Not Applicable				
FLASHPOINT (°C) AND METHOD Tag Closed Cup - None!	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable		LOWER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable	
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon, phosphorus and nitrogen.				
EXPLOSION DATA	SENSITIVITY TO IMPACT Not Applicable		SENSITIVITY TO STATIC DISCHARGE Not Applicable	

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS? Yes	
INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes	IF SO, WHICH ONES? Acids, strong alkali and heavy metal salts.
REACTIVITY, AND UNDER WHAT CONDITIONS None Known	
HAZARDOUS DECOMPOSITION PRODUCTS None Known	

PRODUCT IDENTIFIER

BUCKEYE CASTLEGLIARD CODE 5125

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	No	No	No	No	No
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Not irritating to eyes. Not irritating to skin. Not toxic by ingestion.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY		
Not Available	Not Available	None Known	No		
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS		
No	No	No	None Known		

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT		
GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves. Needed for clean up of spill or for prolonged skin contact.	RESPIRATOR (SPECIFY) None Required	EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.
FOOTWEAR (SPECIFY) Normal Footwear	CLOTHING (SPECIFY) Normal Clothing	OTHER (SPECIFY) None under normal use.
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.) Normal room ventilation.		
LEAK AND SPILL PROCEDURE Pick up with mop, wet/dry vac or absorbent material. Wash area with detergent solution followed by a clear water rinse. Allow floor to dry before allowing traffic.		
WASTE DISPOSAL Flush to sanitary sewer or send to sanitary landfill, following local, provincial and federal laws.		
HANDLING PROCEDURES AND EQUIPMENT Wash thoroughly with soap and water after handling.		
STORAGE REQUIREMENTS KEEP OUT OF REACH OF CHILDREN! Keep from freezing! Keep container closed when not in use. Store at room temperature. Do not store above 44°C.		
SPECIAL SHIPPING INFORMATION Compound, Polishing or Wax, Liquid.		

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES
 For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.
 For Skin: Wash with soap and water. If irritation occurs and persists, see physician.
 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.

This product is not regulated under WHMIS.

HAZARD	NFPA	HMIS
HEALTH	0	0
FIRE	0	0
REACTIVITY	0	0

RATING
 4 = EXTREME
 3 = SERIOUS
 2 = MODERATE
 1 = SLIGHT
 0 = MINIMAL

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) SCOTT MAAG - DIRECTOR OF RESEARCH	PHONE NUMBER (314) 291-1900	DATE March 1, 2009
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