

**Buckeye International, Inc.**2700 Wagner Place  
Maryland Heights, MO 63043  
314/291-1900**N. F. P. A.**

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

	HEALTH	0
	FIRE	0
	REACTIVITY	0

**Material Safety Data Sheet**

24 Hour Emergency Telephone Number: 1-800-228-5635 Extension: 076

Outside North America call: 612-851-8180, ext. 076

**SECTION I - IDENTIFICATION**

PRODUCT NAME	BUCKEYE CASTLEGUARD	DATE PREPARED	July 1, 1999
CHEMICAL FAMILY	Floor Finish, Water Based	CODE	5125
PROPER D.O.T. SHIPPING NAME	Compound, Polishing or Wax, Liquid		
D.O.T. HAZARD CLASSIFICATION	None		

**SECTION II - INGREDIENTS AND IDENTITY INFORMATION**

% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
5.0	Diethylene Glycol Ethyl Ether *	NE	NE	111-90-0
>24.0	Soft Water	NE	NE	7732-18-5
<50.0	Acrylic Emulsion	NE	NE	25987-66-0
<10.0	Ethylene Copolymer Emulsion	NE	NE	25212-83-3
<7.0	Acrylate Copolymer	NE	NE	63744-68-3
<2.0	Tributoxyethyl Phosphate	NE	NE	78-51-3
<2.0	Perfume coloring and additives less than 1%	NA	NA	NA

ITEMS MARKED \* ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

**SECTION III - PHYSICAL DATA**

BOILING POINT °F	212°F	pH (CONC.)	8.0±0.2
SOLUBILITY IN WATER	Miscible	pH (USE DILUTION) RTU	8.0±0.2
% VOLATILE BY WEIGHT	75.0	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.03	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	White Opaque Solution, Sweet Polymer		

**SECTION IV - FIRE AND EXPLOSION DATA**

FLASH POINT (Test Method)	Tag Closed Cup: None!	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	NA	UPPER LIMIT:	NA
		LOWER LIMIT:	NA
SPECIAL FIRE FIGHTING PROCEDURES	None		

UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion.
	Oxides of phosphorus, carbon and nitrogen.

**SECTION V - REACTIVITY DATA**

STABILITY	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	Acids, strong alkali and heavy metal salts.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

**SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY:                      INHALATION? No                      SKIN? No                      INGESTION? No

HEALTH HAZARDS (Acute and Chronic)

Not irritating to eyes and skin. Not toxic by ingestion.

CARCINOGENICITY:                      NTP? No                      IARC MONOGRAPHS? No                      OSHA REGULATED? No

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

None known.

**MEDICAL CONDITIONS****GENERALLY AGGRAVATED BY EXPOSURE**

None known.

**EMERGENCY AND FIRST AID PROCEDURES:**

For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.

For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician.

Never give anything by mouth to an unconscious person.

**SECTION VII - SPILL OR LEAK PROCEDURES****SPILL RESPONSE**

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 METHOD**

Flush to sanitary sewer, or send to sanitary landfill, following local, state and federal laws.

**SECTION VIII - SPECIAL PROTECTION INFORMATION****EYE PROTECTION**

When eye contact may occur, wear safety glasses or chemical splash goggles.

**VENTILATION**

Normal room ventilation.

**SKIN PROTECTION**

Rubber gloves or other impervious gloves.\*

**RESPIRATORY PROTECTION**

None required.

**OTHER PROTECTION**

None required. Follow good personal hygiene practices.

\* Needed for clean up of spill or for possible prolonged skin contact.

**SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS IN****HANDLING AND STORAGE****KEEP OUT OF REACH OF CHILDREN!**

Keep container closed when not in use.

Keep from freezing!

Store at room temperature. Do not store above 110°F.

**OTHER****PRECAUTIONS**

NA = Not Applicable

NE = Not Established

This product is not regulated under CERCLA or RCRA.  
Not reportable under SARA Title III Section 311/312.

**PREPARED BY:**

Mark Gindling, Director of Research

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