



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

|  |  |   |                         |
|--|--|---|-------------------------|
| PRODUCT IDENTIFIER<br>BUCKEYE ARENA 50 CODE: 5176        |  | PRODUCT IDENTIFICATION<br>NUMBER (PIN) Not Applicable |                         |
| PRODUCT USE<br>Wood Floor Coating                        |  |   |                         |
| MANUFACTURER'S NAME<br>BUCKEYE INTERNATIONAL, INC.       |  | SUPPLIER'S NAME                                       |                         |
| STREET ADDRESS<br>2700 WAGNER PLACE                      |  | STREET ADDRESS  |                         |
| CITY<br>MARYLAND HEIGHTS                                 | PROVINCE<br>MISSOURI, U.S.A.                         | CITY  | PROVINCE                |
| POSTAL CODE<br>63043-3471                                | MEDICAL EMERGENCY TELEPHONE<br>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 <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES AND ROUTE) | LC <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES) |
|--------------------------------------|--------|--------------|---|---|
| Diethylene Glycol Ethyl Ether        | 10.0   | 111-90-0     | Rat Oral 5.4 g/kg   | Not Available                                       |
| Soft Water                           | 10-30  | 7732-18-5    | Not Available   | Not Available                                       |
| Urethane Acrylic/Urethane Dispersion | 60-100 | Trade Secret | Not Available   | Not Available                                       |
|                                      |        |              |   |   |
|                                      |        |              |   |   |
|                                      |        |              |   |   |
|                                      |        |              |   |   |

## SECTION 3 - PHYSICAL DATA

|   |  |                                    |   |  |
|---|--|------------------------------------|---|--|
| PHYSICAL STATE<br>Liquid                | ODOUR AND APPEARANCE<br>Sweet Polymer- No Fragrance Added; White Opaque Solution |                                    |   |  |
| VAPOUR PRESSURE (mmHG)<br>Not Available | VAPOUR DENSITY (Air=1)<br>Not Available  | EVAPORATION RATE<br>(Water =1) 1.0 | BOILING POINT (°C)<br>100°              | FREEZING POINT (°C)<br>0°              |
| pH (CONC.)<br>7.5 ± 0.2                 | pH (USE DILUTION) RTU<br>7.5 ± 0.2   | SPECIFIC GRAVITY<br>1.04 ± 0.01    | COEFF. WATER/OIL DIST.<br>Not Available | ODOUR THRESHOLD (ppm)<br>Not Available |

## SECTION 4 - FIRE AND EXPLOSION DATA

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

## SECTION 5 - REACTIVITY DATA

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

|   |                                    |                      |                          |   |                      |
|---|------------------------------------|----------------------|--------------------------|---|----------------------|
| PRODUCT IDENTIFIER  |                                    |                      |                          |   |                      |
| BUCKEYE ARENA 50 CODE 5176  |                                    |                      |                          |   |                      |
| <b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>   |                                    |                      |                          |   |                      |
| ROUTE OF ENTRY  | SKIN CONTACT                       | SKIN ABSORPTION      | EYE CONTACT              | INHALATION  | INGESTION            |
|   | Yes                                | No                   | Yes                      | No  | No                   |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT  |                                    |                      |                          |   |                      |
| May cause eye and skin irritation.  |                                    |                      |                          |   |                      |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT  |                                    |                      |                          |   |                      |
| None Known  |                                    |                      |                          |   |                      |
| EXPOSURE LIMITS   | IRRITANCY OF PRODUCT               |                      | SENSITIZATION TO PRODUCT |   | CARCINOGENICITY      |
| Not Available   | May cause eye and skin irritation. |                      | Not Available            |   | No                   |
| TERATOGENICITY  | REPRODUCTIVE TOXICITY              |                      | MUTAGENICITY             |   | SYNERGISTIC PRODUCTS |
| No  | No                                 |                      | No                       |   | None Known           |
| <b>SECTION 7 - PREVENTIVE MEASURES</b>  |                                    |                      |                          |   |                      |
| 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) |                          | EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles. |                      |
|   |                                    | None Required        |                          |   |                      |
| FOOTWEAR (SPECIFY)  |                                    | CLOTHING (SPECIFY)   |                          | OTHER (SPECIFY)   |                      |
| Footwear that keeps feet dry is suggested.  |                                    | Normal Clothing      |                          | None required.  |                      |
| ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)   |                                    |                      |                          |   |                      |
| Maintain adequate 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 hands thoroughly with soap and water after using product.  |                                    |                      |                          |   |                      |
| STORAGE REQUIREMENTS  |                                    |                      |                          |   |                      |
| <b>KEEP OUT OF REACH OF CHILDREN!</b> Keep from freezing!<br>Store at room temperature. Keep container closed when not in use.<br>Do not store above 44°C           |                                    |                      |                          |   |                      |
| SPECIAL SHIPPING INFORMATION  |                                    |                      |                          |   |                      |
| Compound, Polishing or Wax, Liquid.   |                                    |                      |                          |   |                      |
| <b>SECTION 8 - FIRST AID MEASURES</b>   |                                    |                      |                          |   |                      |
| 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.  |                                    |                      |                          |   |                      |
|   |                                    |                      | <b>RATING</b>            |   |                      |
|   |                                    |                      | 4 = EXTREME              |   |                      |
|   |                                    |                      | 3 = SERIOUS              |   |                      |
|   |                                    |                      | 2 = MODERATE             |   |                      |
|   |                                    |                      | 1 = SLIGHT               |   |                      |
|   |                                    |                      | 0 = MINIMAL              |   |                      |
|   |                                    |                      |                          |   |                      |
| <b>SECTION 9 - PREPARATION DATE OF MSDS</b>   |                                    |                      |                          |   |                      |
| PREPARED BY (GROUP, DEPARTMENT, ETC.)   |                                    |                      | PHONE NUMBER             |   | DATE                 |
| SCOTT MAAG - VICE PRESIDENT OF OPERATIONS   |                                    |                      | (314) 291-1900           |   | February 15, 2015    |