



Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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|--------------------|--|---|
| | WHMIS CLASS D-2: Material causing other toxic effects. | Not controlled under the HCS (United States). |
| WHMIS (Pictograms) | WHMIS (Classification) | HCS |

Section 1. Chemical Product and Company Identification

| | | | |
|----------------------------|--|----------------------|-------------------------|
| Product Name/ Trade name | High Performance Center Court - Gloss Part B | Code | 655B |
| Synonym | Water-Based Finish for Wood Floors Part-B | CAS # | Mixture. |
| Chemical Family | Not Applicable | Validation Date | 5/26/2004 |
| Chemical Formula | Not applicable. | Print Date | 5/26/2004 |
| Manufacturer/ Supplier | Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156 | In Case of Emergency | Chemtrec (800) 424-9300 |
| TSCA | TSCA Inventory: All components listed or are exempt from listing. | | |
| DSL/ NDSL | All components listed unless noted elsewhere on this MSDS | | |
| Protective Clothing | | | |
| | | | |

Section 2. Composition and Information on Ingredients

| Name | CAS # | % by Weight | Exposure Limits | LC ₅₀ /LD ₅₀ |
|-----------------------------------|------------|-------------|-----------------|------------------------------------|
| 1) Urethane/Acrylic Dispersion | N/A | 20-25 | Not available. | Not available. |
| 2) Acrylic Dispersion | 67952-78-7 | 5-10 | Not available. | Not available. |
| 3) N-Methyl-2-Pyrrolidone | 872-50-4 | 5-10 | Not available. | Not available. |
| 4) Diethylene Glycol Methyl Ether | 111-77-3 | 0-5 | Not available. | Not available. |
| 5) Polyfunctional Aziridine | 64265-57-2 | 0-5 | Not available. | Not available. |
| 6) 2-Propoxyethanol | 2807-30-9 | 0-5 | Not available. | Not available. |

Section 3. Hazards Identification

| | |
|----------------------------------|---|
| Potential Acute Health Effects | This product is an eye irritant. May cause skin irritation. |
| Potential Chronic Health Effects | Repeated skin exposure can produce local skin destruction, or dermatitis. |
| Carcinogenic Effects | Not available. |

Section 4. First Aid Measures

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|--------------|--|
| Eye Contact | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| Skin Contact | Wash with soap and water. Get Medical Attention if irritation develops. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. May cause headache, nausea or weakness in case of long term exposure. |
| Ingestion | If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

Section 5. Fire Fighting Measures

| | |
|--------------------------------------|--|
| Products of Combustion | carbon oxides (CO, CO2) nitrogen oxides (NO, NO2...) |
| Fire Fighting Media and Instructions | Non-flammable substance. |
| Special Remarks on Fire Hazards | N/A |
| Special Remarks on Explosion Hazards | N/A |

Section 6. Accidental Release Measures

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|--|---|
| Small Spill and Leak | Absorb with an inert material and place in an appropriate waste disposal container. |
| Large Spill and Leak | Absorb with DRY earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed. |
| Personal Protection in Case of a Large Spill | Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. |

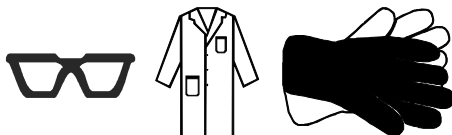
Section 7. Handling and Storage

| | |
|-----------------|--|
| Precautions | Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water. DO NOT ingest. |
| Incompatibility | acids oxidizing agents |
| Storage | Keep out of reach of children. For Institutional and Commercial Use |

Section 8. Exposure Controls/Personal Protection

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|----------------------|---|
| Engineering Controls | Good general ventilation should be sufficient to control airborne levels. |
| Personal Protection | |
| <i>Eyes</i> | Splash goggles. |
| <i>Body</i> | No special protective clothing is required. |
| <i>Respiratory</i> | No special protective clothing is required. |
| <i>Hands</i> | Gloves. |

Protective Clothing (Pictograms)



| | |
|-----------------|---|
| Exposure Limits | Propylene Glycol Monomethyl Ether TWA: 100 (ppm) STEL: 150 (ppm) |
|-----------------|---|

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------------|-------------------|-------|-----------------|
| Physical State and Appearance | Liquid | Odor | Characteristic. |
| Molecular Weight | Not applicable. | Taste | Not available. |
| pH | 8 to 8.5 [Basic.] | Color | White. |
| Boiling/Condensation Point | 214°F initial | | |
| Melting/Freezing Point | Not available. | | |

| | |
|--|--|
| Critical Temperature | Not available. |
| Instability Temperature | Not available. |
| Specific Gravity | 1.043 (Water = 1) |
| Vapor Pressure | 20mm Hg @ 68°F |
| Vapor Density | >1 (Air = 1) |
| Volatility | 66% (w/w). |
| VOC | 16 (%) |
| Evaporation Rate | (Water=1):<1 |
| | |
| | |
| Dispersion Properties | Partially dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone. |
| Solubility | Soluble in water |
| The Product is: | Non-flammable. |
| Auto-ignition Temperature | Not Available |
| Flash Points | None to boiling |
| Flammable Limits | Not Available |
| Fire Hazards in Presence of Various Substances | Non-flammable. |
| Explosion Hazards in Presence of Various Substances | Non-explosive in presence of open flames and sparks, of heat. |

Section 10. Stability and Reactivity Data

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|--|------------------------|
| Stability | Stable |
| Incompatibility with Various Substances | acids oxidizing agents |
| Hazardous Decomposition Products | Will not occur. |

Section 11. Toxicological Information

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|---|---|
| Routes of Entry | Eye Contact Ingestion. INHALATION Skin contact. |
| Toxicity to Animals | Acute oral toxicity (LD50): 6.6 mg/kg [Rat]. (Propylene Glycol Monomethyl Ether). |
| Acute Effects on Humans | <p><i>Eyes</i> Hazardous in case of eye contact (irritant).</p> <p><i>Skin</i> Slightly hazardous in case of skin contact (irritant). Non-sensitizer for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.</p> <p><i>Inhalation</i> Hazardous in case of inhalation.</p> <p><i>Ingestion</i> Harmful if swallowed.</p> |
| Chronic Effects on Humans | Repeated skin exposure can produce local skin destruction, or dermatitis. |
| Special Remarks on Toxicity to Animals | No additional remark. |
| Special Remarks on Chronic Effects on Humans | No additional remark. |

Section 12. Ecological Information

| | |
|---|-----------------------------------|
| Ecotoxicity | Not Available |
| BOD5 and COD | Not Available |
| Products of Biodegradation | Not Available |
| Toxicity of the Products of Biodegradation | as toxic as the original product. |
| Special Remarks on the Products of Biodegradation | No additional remark. |

Section 13. Disposal Considerations

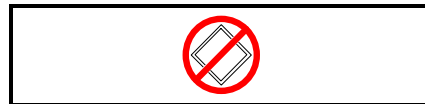
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| Waste Information | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
| Waste Stream | Not available. |

Section 14. Transport Information

DOT (U.S.A)
(Pictograms)



TDG Classification Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS CLASS D-2: Material causing other toxic effects.



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.)

Not controlled under the HCS (United States).

USA Regulatory Lists

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: N-Methyl-2-Pyrrolidone; Formaldehyde <0.1%

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: N-Methyl-2-Pyrrolidone

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Formaldehyde <0.1%

SARA 311/312 MSDS distribution - chemical inventory - hazard identification:
N-Methyl-2-Pyrrolidone; Diethylene Glycol Methyl Ether
SARA 313 toxic chemical notification and release reporting:
N-Methyl-2-Pyrrolidone; Diethylene Glycol Methyl Ether

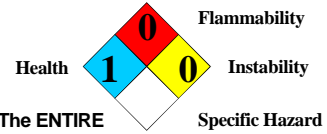
DSD (EEC)

International Regulations Lists No products were found.

Hazardous Material Information System (U.S.A.)

| | | |
|-----------------|---|---|
| Health | * | 2 |
| Flammability | | 0 |
| Physical Hazard | | 0 |

National Fire Protection Association (U.S.A.)



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by CRushton on 5/26/2004.

Verified by CRushton.

Printed 5/26/2004.

Information Contact Betco Corporation
1001 Brown Avenue
Toledo, Ohio 43607

Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 5/26/2004.

High Performance Center Court - Gloss Part B

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