





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	WHMIS CLASS D-2: Material causing other toxic effects.	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	HP Gym Coat	Code	655
Synonym	Water-Based Finish for Wood Floors	CAS #	Mixture.
Chemical Family	Not Applicable	Validation Date	8/20/2009
Chemical Formula	Not applicable.	Print Date	8/20/2009
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
Urethane Dispersions	N/A	20 - 30	Not available.	Not available.
Acrylic Dispersion	N/A	5 - 10	Not available.	Not available.
N-Methyl-2-Pyrrolidone	872-50-4	5 - 10	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. N-Methyl Pyrrolidone has been shown to be fetotoxic and to increase skeletal abnormalities when administered dermally to rates during gestation at very high, maternally toxic doses.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

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, administer artificial respiration and seek medical attention.
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 Use DRY chemicals, CO₂, water spray or foam.

Special Remarks on Fire Hazards No additional remark.

Special Remarks on Explosion Hazards No additional remark.

Section 6. Accidental Release Measures

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 Safety glasses. Impervious gloves. Light protective clothing. Wear appropriate respirator when ventilation is inadequate.

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

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Gloves.

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable 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	>60%
VOC	< 275 g/L
Evaporation Rate	(Water=1):<1
Dispersion Properties	Dispersable in water.
Solubility	Miscible in water.
The Product is:	Non-flammable.
Auto-ignition Temperature	Not Available
Flash Points	None to boiling
Flammable Limits	Not established
Fire Hazards in Presence of Various Substances	Not established
Explosion Hazards in Presence of Various Substances	Not established

Section 10. Stability and Reactivity Data

Stability	Stable
Incompatibility with Various Substances	acids oxidizing agents
Hazardous Decomposition Products	Not established

Section 11. Toxicological Information

Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact.
Toxicity to Animals	Not established
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> Slightly irritating to the respiratory system.</p> <p><i>Ingestion</i> Harmful if swallowed.</p>
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis. N-Methyl Pyrrolidone has been shown to be fetotoxic and to increase skeletal abnormalities when administered dermally to rates during gestation at very high, maternally toxic doses.
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 established

Toxicity of the Products of Biodegradation Not established

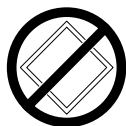
Special Remarks on the Products of Biodegradation No additional remark.

Section 13. Disposal Considerations

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.)

HCS Class: Irritating substance.

USA Regulatory Lists

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

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: N-Methyl-2-Pyrrolidone
SARA 313 toxic chemical notification and release reporting:
N-Methyl-2-Pyrrolidone 6.6%

DSD (EEC)

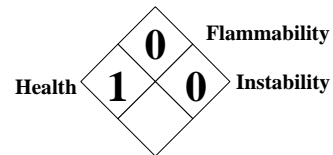
International
Regulations Lists

No products were found.

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

Health	1
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 LMorsch on 8/20/2009.

Verified by LMorsch.

Printed 8/20/2009.

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 8/20/2009.

HP Gym Coat

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