

This MSDS is prepared in accordance with OSHA 1910.1200, Canadian WHMIS, and ANSI .

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

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Hardwood Floor Refinisher Satin	Code	B1831
Synonym	Floor Finish	CAS #	Mixture.
Chemical Family	Mixture	Validation Date	7/13/2009
Chemical Formula	Not applicable.	Print Date	7/13/2009
Manufacturer/ Supplier	Basic Coatings 1001 Brown Avenue Toledo, Ohio (800) 247-5471	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
Water	7732-18-5	>60	Not available.	Not available.
Polyurethane Resin Dispersions	N/A	20 - 35	Not available.	Not available.
N-Methyl-2-Pyrrolidone	872-50-4	1 - 5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	This product may irritate eyes and skin upon contact. Harmful if swallowed.
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated or prolonged exposure to one of the components may produce reproductive system damage. *Information is based on animal data, relevance to humans has yet to be determined.
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	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice.

Section 5. Fire Fighting Measures

Products of Combustion Not established

Fire Fighting Media and Instructions SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog 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 put the spilled material in an appropriate waste disposal.

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Personal Protection in Case of a Large Spill Splash goggles. Boots. Gloves. Light protective clothing. Wear appropriate respirator when ventilation is inadequate.

Section 7. Handling and Storage

Precautions Keep away from heat. Do not breathe gas/fumes/ vapor/spray. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Incompatibility Reactive with oxidizing agents, acids, alkalis.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. S2- Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

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 Impervious 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 7.5 - 8.5

Color Tan.

Boiling/Condensation Point The lowest known value is 100°C (212°F)

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1.0488 (Water = 1)

Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	>60%
VOC	<275 g/Liter
Evaporation Rate	>1 compared to Butyl acetate.
Dispersion Properties	Not available.
Solubility	Miscible in water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	Closed cup: >176.67°C (350°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not established
Explosion Hazards in Presence of Various Substances	No special explosion hazards associated with this product

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids, alkalis.
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Eyes. Skin. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	<p><i>Eyes</i> Irritating to eyes.</p> <p><i>Skin</i> Slightly irritating to the skin.</p> <p><i>Inhalation</i> May cause headache, dizziness.</p> <p><i>Ingestion</i> Irritating to mouth, throat and stomach.</p>
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated or prolonged exposure to one of the components may produce reproductive system damage. *Information is based on animal data, relevance to humans has yet to be determined.
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.

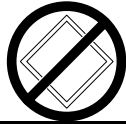
Section 13. Disposal Considerations

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 a TDG controlled material.



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS Class D-2B: Material causing other toxic effects (TOXIC).



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 **WARNING:** This product contains chemical(s) known to the state of California to cause birth defects or other reproductive harm.:
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 1.43%

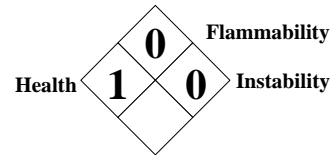
DSD (EEC) This product is not classified according to the EU regulations.

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. **Specific Hazard**

Section 16. Other Information

Validated by LMorsch on 7/13/2009.

Verified by LMorsch.

Printed 7/13/2009.

Information Contact Basic Coatings
1001 Brown Avenue
Toledo, Ohio
(800) 247-5471

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 7/13/2009.

Hardwood Floor Refinisher Satin

Page: 5/5