

Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



Not controlled under WHMIS (Canada).

HCS CLASS: Irritating substance.

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	SERENADE	Code	605
Synonym	Metal Interlocked Acrylic Polymer Floor Finish	CAS #	Mixture.
Chemical Family	N/A	Validation Date	2/9/2001
Chemical Formula	Not applicable.	Print Date	2/12/2001
Manufactured for	IFC Supply PO Box 266 Elkhart, IN 46515 (219) 296-7791	In Case of Emergency	(219) 296-7791
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL	DSL : All components listed unless noted elsewhere on this MSDS		
		Protective Clothing	

Protective Clothing



Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
1) Water	7732-18-5	0-100	Not available.	Not available.
2) Acrylic Copolymer	67366-74-9	30-35	Not available.	Not available.
3) Polyethylene Wax Emulsion	N/A	5-10	Not available.	Not available.
4) Maleic Resin Solution	N/A	5-10	Not available.	Not available.
5) Diethylene Glycol Methyl Ether	111-77-3	0-5	Not available.	Not available.
6) Tributoxyethyl Phosphate	78-51-3	0-5	Not available.	Not available.
7) Anionic Surfactant	N/A	0-5	Not available.	Not available.
8) Tributoxy Pentanediol Diisobutyrate	6846-50-0	0-5	Not available.	Not available.
9) 2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate	25265-77-4	0-5	Not available.	Not available.
10) Propylene Glycol	57-55-6	0-5	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat].

Section 3. Hazards Identification

Potential Acute Health Effects May cause mild irritation to the skin. This product is an eye irritant.

Potential Chronic Health Effects Repeated skin exposure can produce local skin destruction, or dermatitis.

Carcinogenic Effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Flush with large quantities of water. Seek medical attention if irritation persists.
Skin Contact	Flush with water. Seek medical attention if irritation persists.
Inhalation	N/A
Ingestion	Dilute with two glasses of water. Seek medical attention if symptoms persist.

Section 5. Fire Fighting Measures

Products of Combustion	Not Available
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

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 an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Gloves. Splash goggles. Boots.

Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes.
Incompatibility	None known.
Storage	Keep out of reach of children. For Institutional and Commercial Use Not for use or storage in or around the home.

Section 8. Exposure Controls/Personal Protection

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

Personal Protection

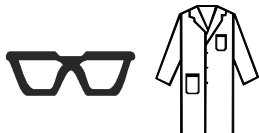
Eyes Splash goggles.

Body No special protective clothing is required.

Respiratory Not applicable.

Hands Gloves.

Protective Clothing (Pictograms)



Exposure Limits Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid	Odor	Characteristic.
Molecular Weight	Not applicable.	Taste	Not available.
pH	8.1 to 8.9 [Basic.]	Color	White.
Boiling/Condensation Point	212°F initial		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.03 (Water = 1)		
Vapor Pressure	20mm Hg @ 68°F		
Vapor Density	>1 (Air = 1)		
Volatility	82		
VOC	Not available.		
Evaporation Rate	<1		
Odor Threshold	Not available.		
LogK_{ow}	Not Available		
Ionicity (in Water)	Not Applicable		
Dispersion Properties	Dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.		
Solubility	Soluble		
The Product is:	Non-flammable.		
Auto-ignition Temperature	Not Available		
Flash Points	None to Boiling (TCC)		
Flammable Limits	Not Applicable		
Fire Hazards in Presence of Various Substances	not available		
Explosion Hazards in Presence of Various Substances	Not Applicable		

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	None known.
Hazardous Decomposition Products	Will not occur.

Section 11. Toxicological Information

Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact.
Toxicity to Animals	Acute oral toxicity (LD50): 5000 mg/kg [Rat]. (Propylene Glycol).
Acute Effects on Humans	<i>Eyes</i> Eye irritant. May cause redness and swelling of the conjunctiva. <i>Skin</i> Prolonged or repeated contact may cause irritation or dermatitis. <i>Inhalation</i> N/A <i>Ingestion</i> May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses.
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

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

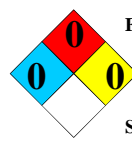
WHMIS (Classification) Not controlled under WHMIS (Canada). 

Regulatory Lists CEPA DSL: 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	SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Diethylene Glycol Methyl Ether SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Methyl Ether
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	National Fire Protection Association (U.S.A.)	
	Flammability	0		
	Reactivity	0		
	Personal Protection	A		

Section 16. Other Information

Validated by CRushton on 2/9/2001. Verified by CRushton.
Printed 2/12/2001.

Information Contact IFC Supply
PO Box 266
Elkhart, IN 46515

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 2/9/2001. **SERENADE**