



# Material Safety Data Sheet

The Martin Senour Co.  
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Date of preparation

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## Latex Interior Finishes - Eggshell & Gloss

LI/MS3

						BRIGHT LIGHTS® EGGSHELL	BRIGHT LIFE® EGGSHELL	BRIGHT LIFE® ULTRATONE	HOME DECORATOR® EGGSHELL	BRIGHT LIFE® HIGH GLOSS ENAMEL	
						722-2011 722-2003 Bright White	722-1013 722-1005 722-1021 White White	722-3218 722-3200 Gold Base	726-4013 726-4005 White White	724-1113 724-1105 724-1121 White White	
							722-1112 722-1104 Midtone Base	722-3711 722-3703 Neutral Base	726-4617 726-4609 Midtone Base	724-2314 724-2306 Midtone Base	
							722-1211 722-1203 Deeptone Base	722-3315 722-3307 Orange Base	726-4716 Deeptone Base	724-2415 724-2407 Deeptone Base	
								722-3615 722-3607 Red Base			
								722-3915 722-3907 Rose Base			
								722-3111 722-3103 Yellow Base			
— Section 2 — CAS No. Hazardous Ingredients (percent by weight)		ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)						
107-21-1	§ Ethylene Glycol.	C	50	50	PPM	0.1	2	2 - 5	<3 % due to tinting	2 - 5	3 - 8
112-34-5	§ 2-(2-Butoxyethoxy)-ethanol	Not Established				0.1		1	1	1	3
14808-60-7	Quartz	0.1	0.1	Mg/M3	as Resp. Dust			12 - 13			
14464-46-1	Cristobalite	0.05	0.05	Mg/M3	as Resp. Dust	1	0.1 except White White		0.1 in Deeptone Base	0.1 except White White	
1332-58-7	Kaolin	2	5	Mg/M3	as Resp. Dust		10 in White White only				
471-34-1	Calcium Carbonate.	10	15[5]	Mg/M3	as Dust [Resp. Fraction]	12	12 except White White	8 - 11	9 -- 19		
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3	as Dust [Resp. Fraction]	20	7-14	0 - 9	7 - 15	10 - 15	
1333-86-4	Carbon Black	3.5	3.5	Mg/M3			0 - 2	0 - 2	0 - 2	0 - 2	
Weight per Gallon (lbs.)						11.1	10.3 - 10.6	9.9 - 10.7	10.3 - 10.4	9.4 - 9.8	
Percent Water						41.4	50.7 - 51.9	46.4 - 55.3	50.7 - 54.0	45.1 - 50.1	
VOC (Volatile Organic Compounds) Total - lbs./gal.						0.45	0.3 - 0.4	0.1 - 0.4	0.3 - 0.4	0.6 - 0.8	
VOC Less Water & Federally Exempt Solvents - lbs./gal.						1.0	1.0 - 1.2	0.4 - 0.9	1.0 - 1.2	1.4 - 1.6	
Photochemically Reactive						No	No	No	No	No	
Flash Point (°F)						None	None	None	None	None	
HMIS (NFPA) Rating (health - flammability - reactivity)						2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	

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§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

## Section 3 — Physical Data

<i>PRODUCT WEIGHT</i>	See TABLE	<i>EVAPORATION RATE</i>	Slower than Ether
<i>SPECIFIC GRAVITY</i>	1.01-1.43	<i>VAPOR DENSITY</i>	Heavier than Air
<i>BOILING RANGE</i>	212-477 °F	<i>MELTING POINT</i>	N.A.
<i>VOLATILE VOLUME</i>	45-78 %	<i>SOLUBILITY IN WATER</i>	N.A.
<i>pH</i>	9.0-9.5		

## Section 4 — Fire And Explosion Hazard Data

*FLAMMABILITY CLASSIFICATION*      *FLASH POINT* None      *LEL* N.Ap.      *UEL* N.Ap.

Not Applicable

*EXTINGUISHING MEDIA*

Carbon Dioxide, Dry Chemical, Alcohol Foam

*UNUSUAL FIRE AND EXPLOSION HAZARDS*

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

*SPECIAL FIRE FIGHTING PROCEDURES*

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## Section 5 — Health Hazard Data

*ROUTES OF EXPOSURE*

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

**ACUTE Health Hazards**

*EFFECTS OF OVEREXPOSURE*

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

*SIGNS AND SYMPTOMS OF OVEREXPOSURE*

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

*MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE*

None generally recognized.

*EMERGENCY AND FIRST AID PROCEDURES*

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water.

Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Get medical attention.

**CHRONIC Health Hazards**

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

## Section 6 — Reactivity Data

*INCOMPATIBILITY*

None known.

*CONDITIONS TO AVOID*

None known.

*HAZARDOUS DECOMPOSITION PRODUCTS*

By fire: Carbon Dioxide, Carbon Monoxide

*HAZARDOUS POLYMERIZATION* - Will Not Occur

## Section 7 — Spill Or Leak Procedures

*STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*

Remove all sources of ignition. Ventilate and remove with inert absorbent.

*WASTE DISPOSAL METHOD*

Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

## Section 8 — Protection Information

*PRECAUTIONS TO BE TAKEN IN USE*

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

*VENTILATION*

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

*RESPIRATORY PROTECTION*

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

*PROTECTIVE GLOVES*

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

*EYE PROTECTION*

Wear safety spectacles with unperforated sideshields.

## Section 9 — Precautions

*DOL STORAGE CATEGORY* - Not Applicable

*PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING*

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

## Section 10 — Other Regulatory Information

*CALIFORNIA PROPOSITION 6*

These products, except 21-400, 21-4001, 21-4002, 21-4003, 21-4005, 21-4102, 723-3304, 723-3312, 724-1113, 724-1105 and 724-1121, contain chemicals known to the State of California to cause cancer.

724-1113, 724-1105, 724-1121, 723-3304 and 723-3312 contain a chemical known to the State of California to cause cancer.

*TSCA CERTIFICATION*

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these product may substantially alter the composition and hazards of the products. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.