

MATERIAL SAFETY DATA SHEET

SW  
87 00

MANUFACTURER'S NAME  
THE SHERWIN-WILLIAMS COMPANY  
191 Prospect Avenue N.W.  
Cleveland, OH 44115

EMERGENCY TELEPHONE NO.  
(216) 566-2917

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INFORMATION TELEPHONE NO.  
(216) 566-3900

Section I -- PRODUCT IDENTIFICATION

PRODUCT NUMBER

SW

HMIS CODES

Health  
Flammability  
Reactivity



PRODUCT NAME

Silicone Alkyd Low VOC (Ename), Pure White

PRODUCT CLASS

Silicone Alkyd Coating

Section II -- HAZARDOUS INGREDIENTS

INGREDIENT	CAS No.	% by WT	ACGIH TLV	OSHA PEL	UNITS	V.P.
Mineral Spirits,		17	100	100 PPM		2.00
54742-88-7						
Mineral Spirits 140-Flash,		4	100	100 PPM		0.50
54742-88-7						
Xylene,		1	100	100 PPM		5.90
1330-20-7		STEL	150	150 PPM		
Medium Aromatic Hydrocarbons,		2	Not Established			0.12
54742-94-5						
Titanium Dioxide,		13	10	10(5) MG/M3 as Dust ***		
13463-67-7				*** Total Dust (Respirable Fraction)		

Section III -- PHYSICAL DATA

PRODUCT WEIGHT -- 10.23 lb./gal.      EVAPORATION RATE -- Slower than Ether  
SPECIFIC GRAVITY -- 1.23                      VAPOR DENSITY -- Heavier than Air  
BOILING POINT -- 351-416 F                      MELTING POINT -- N.A.  
VOLATILE VOLUME -- 40 %                      SOLUBILITY IN WATER -- N.A.  
VOC (Theoretical) -- 2.69 lb.                      323 gm. (less Federally Exempt Solvents)

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT                                      LEL                      UEL  
194 F PMCC                                      2.8                      7.2

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 300 F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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 V -- 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.

ROUTE Health Hazards

EFFECTS OF OVEREXPOSURE

[REDACTED] May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

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 [REDACTED] before re-use.

If in EYES: [REDACTED] medical attention.

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. [REDACTED] are to solvent ingredients in Section II [REDACTED]

Rats exposed to titanium dioxide dust at 200 mg/m<sup>3</sup> developed lung cancer; however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Section VI -- REACTIVITY DATA

STABILITY -- Stable  
CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

Section VII -- 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 this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

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

Section VIII -- 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.

This coating may contain materials classified as nuisance particulates listed "as Dist" in Section II which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are OSHA PEL 10 mg./m<sup>3</sup> (total dust), 3 mg./m<sup>3</sup> (respirable fraction), OSHA PEL 5 mg./m<sup>3</sup> (total dust), 3 mg./m<sup>3</sup> (respirable fraction)

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.120.

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 II.

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.

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

Wear safety spectacles with perforated sideshields.

Section IX -- PRECAUTIONS

STORAGE CATEGORY

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents are COMBUSTIBLE. Keep away from heat and open flame.  
 Consult NFPA Code. Use approved Bonding and Grounding procedures.  
 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.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the  
 contents can be harmful or fatal.

Section X -- OTHER REGULATORY INFORMATION

CARA 313 (40 CFR 372.650) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
1330-20-7	Xylene.	1	

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of  
 California to cause cancer.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing,  
 on the TSCA Inventory.

The above information pertains to this product as currently formulated,  
 and is based on the information available at this time. Addition of  
 reducers or other additives to this product may substantially alter the  
 composition and hazards of the product. 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.