HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

WHITE LIGHTNING

Material Safety Data Sheet

Document Code: SU-AllPurpose/WL
Version: 01

Date of Preparation
January 16, 2001

Section 1 - Product and Company Identification

PRODUCT NAME, NUMBERS, & COLORS
SILICONE ULTRA All Purpose Sealant
WL09012 Clear
WL09212 White

HMIS CODES

Health	2
Flammability	0
Reactivity	0

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

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(216) 566-2902

Section 2 – Composition/Information on Ingredients

% WT.	CAS No.	Ingredient Name
2-5	22984-54-9	**Methyl Tris(methylethylketoxime)silane**
		ACGIH TLV Not Established
		OSHA PEL Not Established
<1	2224-33-1	**Vinyl Tris(methylethylketoxime)silane**
		ACGIH TLV Not Established
		OSHA PEL Not Established
3-9	7631-86-9	**Amorphous Silica.**
		ACGIH TLV TWA 10 mg/m3 as Dust
		OSHA PEL TWA 6 mg/m3 as Dust
35-50	471-34-1	**Calcium Carbonate** [in White only]
		ACGIH TLV TWA 10 mg/m3 as Dust
		OSHA PEL TWA 15 mg/m3 as Total Dust
		OSHA PEL TWA 5 mg/m3 as Respirable Fraction
<5	13463-67-7	**Titanium Dioxide** [in White only]
		ACGIH TLV TWA 10 mg/m3 as Dust
		OSHA PEL TWA 10 mg/m3 as Total Dust
		OSHA PEL TWA 5 mg/m3 as Respirable Fraction

NOTE: These products may evolve small quantities of Methyl Ethyl Ketoxime (MEKO) during curing. Exposure limits for MEKO are:

max. 4	96-29-7	**Methyl Ethyl Ketoxime**
		ACGIH TLV Not Established
		OSHA PEL Not Established

Section 3 – Hazards Identification

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.

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

- Continued -

May cause allergic skin reaction or sensitization in susceptible persons.

CANCER INFORMATION

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

Section 4 – First Aid Measures

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.

Section 5 – Fire Fighting Measures

FLASH POINT	LEL	UEL
>200 °F	N.Ap.	N.Ap.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

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 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

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

Section 7 – Handling and Storage

DOL STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Store product away from water or moisture. Do not transfer to other containers. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

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 products 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.

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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 these products, 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 – Physical and Chemical Properties

PRODUCT WEIGHT	8.7 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.05	VAPOR DENSITY	Heavier than Air
BOILING POINT	>400 °F	MELTING POINT	N.A.
VOLATILE VOLUME	<5 %	SOLUBILITY IN WATER	N.A.

Section 10 – Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, Possibility of Hydrogen Chloride

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Lifetime studies in rodents exposed to Methyl Ethyl Ketoxime (MEKO) at levels much higher than typical human exposure produced liver tumors. The relevance of this study to humans is not yet evident. Overexposure to MEKO can have an adverse effect on human red blood cells.

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

TOXICOLOGY DATA

CAS No.	Ingredient Name			
22984-54-9	**Methyl Tris(methylethylketoxime)silane**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
2224-33-1	**Vinyl Tris(methylethylketoxime)silane**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
7631-86-9	**Amorphous Silica.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
471-34-1	**Calcium Carbonate.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		6450 mg/kg
13463-67-7	**Titanium Dioxide.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		>7500 mg/kg
96-29-7	**Methyl Ethyl Ketoxime**			
	LC50	RAT	4HR	>4800 ppm
	LD50	RAT		930 mg/kg

- Continued -

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION
No Data Available.

Section 13 – Disposal Considerations

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 14 – Transport Information

DOT PROPER SHIPPING DESCRIPTION: Compounds, Caulking or Glaziers, NOI

IATA/IMDG SHIPPING DESCRIPTION: Compounds, Caulking or Glaziers, NOI

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

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

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Sherwin-Williams Canada
180 Brunel Rd.
Mississauga, ON L4Z 1T5

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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 products 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.