



Material Safety Data Sheet

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October 25, 2001

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
All Surface Enamel - Oil Base Primer
White A11W210

HMIS CODES
Health 2*
Flammability 3
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	Vapor Pressure
3	100-41-4	Ethylbenzene ACGIH TLV 100 ppm ACGIH TLV 125 ppm STEL OSHA PEL 100 ppm OSHA PEL 125 ppm STEL	7.1 mm
16	1330-20-7	Xylene. ACGIH TLV 100 ppm ACGIH TLV 150 ppm STEL OSHA PEL 100 ppm OSHA PEL 150 ppm STEL	5.9 mm
4	64742-95-6	Light Aromatic Hydrocarbons. ACGIH TLV Not Established OSHA PEL Not Established	3.8 mm
4	108-67-8	1,3,5-Trimethylbenzene ACGIH TLV 25 ppm OSHA PEL 25 ppm	2 mm
7	95-63-6	1,2,4-Trimethylbenzene ACGIH TLV 25 ppm OSHA PEL 25 ppm	2 mm
2	64742-94-5	Medium Aromatic Hydrocarbons. ACGIH TLV Not Established OSHA PEL Not Established	0.1 mm
0.1	14808-60-7	Quartz ACGIH TLV 0.05 mg/m3 as Respirable Dust OSHA PEL 0.1 mg/m3 as Respirable Dust	
4	14807-96-6	Talc ACGIH TLV 2 mg/m3 as Respirable Dust OSHA PEL 2 mg/m3 as Respirable Dust	
21	471-34-1	Calcium Carbonate. ACGIH TLV 10 mg/m3 as Dust OSHA PEL 15 mg/m3 Total Dust OSHA PEL 5 mg/m3 Respirable Fraction	
10	13463-67-7	Titanium Dioxide. ACGIH TLV 10 mg/m3 as Dust OSHA PEL 10 mg/m3 Total Dust OSHA PEL 5 mg/m3 Respirable Fraction	

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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 respiratory system. 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.

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: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
87 °F PMCC 0.7 7.0

FLAMMABILITY CLASSIFICATION - RED LABEL -- Flammable, Flash below 100 °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 flame. 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 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 - 1C

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Containers are FLAMMABLE. Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

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.

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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.

This coating 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).

Removing or disturbing old paint from interior or exterior surfaces by sanding, scraping, abrading or other means may produce dust, debris or fumes that contain lead. Exposure to lead dust, debris or fumes may cause brain damage or other adverse health effects, especially in children and pregnant women. Structures built before 1978 should be tested by a licensed inspector prior to removing or disturbing old paint. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

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.

OTHER PRECAUTIONS

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

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT	11.3 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.36	VAPOR DENSITY	Heavier than Air
BOILING POINT	277-415 °F	MELTING POINT	N.A.
VOLATILE VOLUME	57 %	SOLUBILITY IN WATER	N.A.
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)			
	4.2 lb/gal	Less Federally Exempt Solvents	
	4.2 lb/gal	Emitted VOC	

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID
None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

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Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

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.

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

Rats exposed to titanium dioxide dust at 250 mg./m3 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.

TOXICOLOGY DATA

CAS No.	Ingredient Name			
100-41-4	Ethylbenzene	LC50 RAT	4HR	Not Established
		LD50 RAT		3500 mg/kg
1330-20-7	Xylene.	LC50 RAT	4HR	5000 ppm
		LD50 RAT		4300 mg/kg
64742-95-6	Light Aromatic Hydrocarbons.	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
108-67-8	1,3,5-Trimethylbenzene	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
95-63-6	1,2,4-Trimethylbenzene	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
64742-94-5	Medium Aromatic Hydrocarbons.	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
14808-60-7	Quartz	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
14807-96-6	Talc	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
471-34-1	Calcium Carbonate.	LC50 RAT	4HR	Not Established
		LD50 RAT		Not Established
13463-67-7	Titanium Dioxide.	LC50 RAT	4HR	Not Established
		LD50 RAT		>7500 mg/kg

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION

No data available.

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Section 13 - Disposal Considerations**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 container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

DOT PROPER SHIPPING DESCRIPTION: Paint, 3, UN1263, PG III

IATA/IMDG SHIPPING DESCRIPTION: Paint, 3, UN1263, PG III

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
100-41-4	Ethylbenzene	3	
1330-20-7	Xylene.	16	
95-63-6	1,2,4-Trimethylbenzene	7	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product 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: This product has 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 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.