



Material Safety Data Sheet

Document Code: PM200-Alkyd
Version: 01a

Date of Preparation
October 12, 2001

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

PROMAR® 200 Interior Alkyd Flat

Pure White (B32W201)

Extra White B32W251

PROMAR® 200 Interior Alkyd Eg-Shel

Pure White (B33W201) Luminous White B33W207

Midtone Base (B33W202) Extra White B33W251

Deeptone Base (B33W203)

PROMAR® 200 Interior Alkyd Semi-Gloss

Pure White (B34W201) Dover White B34W206

Midtone Base (B34W202) Luminous White B34W207

Deeptone Base B34W203 Extra White B34W251

Antique White B34W204

PROMAR® 200 Interior Alkyd Gloss

Pure White (B35W201) Extra White B35W251

Luminous White B35W207

PROMAR® 200 Alkyd Enamel Undercoater

B49W200

HMIS CODES

Health 2*

Flammability 2

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
28-43	64742-88-7	Mineral Spirits & Mineral Spirits 140-Flash.	
		ACGIH TLV 100 ppm	2.0 mm
		OSHA PEL 100 ppm	
0-0.1	100-41-4	Ethylbenzene	
		ACGIH TLV 100 ppm	7.1 mm
		ACGIH TLV 125 ppm STEL	
		OSHA PEL 100 ppm	
		OSHA PEL 125 ppm STEL	
0-0.1	136-52-7	Cobalt 2-Ethylhexanoate.	
		ACGIH TLV Not Established	
		OSHA PEL Not Established	
0-0.2	14808-60-7	Quartz	
		ACGIH TLV 0.05 mg/m3 as Respirable Dust	
		OSHA PEL 0.05 mg/m3 as Respirable Dust	
0-12	14807-96-6	Talc	
		ACGIH TLV 2 mg/m3 as Respirable Dust	
		OSHA PEL 2 mg/m3 as Respirable Dust	
2	12001-26-2	Mica	
(B49W200 only)		ACGIH TLV 3 mg/m3 as Respirable Dust	
		OSHA PEL 3 mg/m3 as Respirable Dust	

Section 2 – Composition/Information on Ingredients (continued)

% WT.	CAS No.	Ingredient Name	Vapor Pressure
0-40	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
10-30	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
<3% due to tinting	107-21-1	Ethylene Glycol.	
		ACGIH TLV 50	ppm CEILING 0.1 mm
		OSHA PEL 50	ppm CEILING
<3% due to tinting	1332-58-7	Kaolin	
		ACGIH TLV 2	mg/m3 as Respirable Dust
		OSHA PEL 10	mg/m3 Total Dust
		OSHA PEL 5	mg/m3 Respirable Fraction
<1% due to tinting	1333-86-4	Carbon Black.	
		ACGIH TLV 3.5	mg/m3
		OSHA PEL 3.5	mg/m3

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
100-105 °F	0.9	6.0

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

Section 5 – Fire Fighting Measures (continued)

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

2

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

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

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 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).

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.

Section 8 – Exposure Controls/Personal Protection (continued)

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	8.9-11.9 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.07-1.43	VAPOR DENSITY	Heavier than Air
BOILING POINT	300-416 °F	MELTING POINT	N.A.
VOLATILE VOLUME	53-62 %	SOLUBILITY IN WATER	N.A.
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)			
	3.5-4.0 lb/gal	Less Federally Exempt Solvents	
	3.5-4.0 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

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.

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.

Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate 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.

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

TOXICOLOGY DATA

CAS No.	Ingredient Name				
64742-88-7	Mineral Spirits.				
	LC50	RAT	4HR	4100	ppm
64742-88-7	LD50	RAT		4700	mg/kg
	Mineral Spirits 140-Flash.				
100-41-4	LC50	RAT	4HR	Not Established	
	LD50	RAT		Not Established	
136-52-7	Ethylbenzene				
	LC50	RAT	4HR	Not Established	
14808-60-7	LD50	RAT		3500 mg/kg	
	Cobalt 2-Ethylhexanoate.				
14807-96-6	LC50	RAT	4HR	Not Established	
	LD50	RAT		Not Established	
12001-26-2	Quartz				
	LC50	RAT	4HR	Not Established	
471-34-1	LD50	RAT		Not Established	
	Talc				
13463-67-7	LC50	RAT	4HR	Not Established	
	LD50	RAT		Not Established	
107-21-1	Mica				
	LC50	RAT	4HR	Not Established	
1332-58-7	LD50	RAT		Not Established	
	Calcium Carbonate.				
1333-86-4	LC50	RAT	4HR	Not Established	
	LD50	RAT		Not Established	
1333-86-4	Titanium Dioxide.				
	LC50	RAT	4HR	Not Established	
107-21-1	LD50	RAT		>7500 mg/kg	
	Ethylene Glycol.				
1332-58-7	LC50	RAT	4HR	Not Established	
	LD50	RAT		4700 mg/kg	
1333-86-4	Kaolin				
	LC50	RAT	4HR	Not Established	
1333-86-4	LD50	RAT		Not Established	
	Carbon Black.				
1333-86-4	LC50	RAT	4HR	Not Established	
	LD50	RAT		>15400 mg/kg	

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION

No Data Available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products 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, and Local regulations regarding pollution.

Section 14 – Transport Information

DOT PROPER SHIPPING DESCRIPTION: Paint and Related Materials, NOIBN

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

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
100-41-4	Ethylbenzene	0-0.1	
107-21-1	Ethylene Glycol.	<3	
	Cobalt Compound.	0-0.1	0-0.03

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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 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.