

MATERIAL SAFETY DATA SHEET

A32W51  
04 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	A32W51	HMIS CODES	
		Health	2
		Flammability	0
		Reactivity	0
PRODUCT NAME	High Performance Floor Enamel, Extra White		
MANUFACTURER'S NAME	THE SHERWIN-WILLIAMS COMPANY	EMERGENCY TELEPHONE NO.	(216) 566-2917
	101 Prospect Avenue N.W.		
	Cleveland, OH 44115		
DATE OF PREPARATION	06-SEP-04	INFORMATION TELEPHONE NO.	(216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2	29911-28-2	1-(2-Butoxymethylethoxy)-propanol		
		ACGIH TLV	Not Available	0.06 mm
		OSHA PEL	Not Available	
1	5131-66-8	Butoxypropanol		
		ACGIH TLV	Not Available	0.6 mm
		OSHA PEL	Not Available	
2	107-21-1	Ethylene Glycol		
		ACGIH TLV	100 mg/m3 CEILI (aerosol)	0.12 mm
		OSHA PEL	50 ppm CEILING	
16	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	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE  
 INHALATION of vapor or spray mist.  
 EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE  
 EYES: Irritation.  
 SKIN: Prolonged or repeated exposure may cause irritation.  
 INHALATION: Irritation of the 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.

CANCER INFORMATION  
 For complete discussion of toxicology data refer to Section 11.

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Section 4 -- FIRST AID MEASURES  
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EYES: Flush eyes with large amounts of water for 15 minutes.  
Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.  
Remove contaminated clothing and launder before re-use.

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

INGESTION: Do not induce vomiting.  
Get medical attention immediately.

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Section 5 -- FIRE FIGHTING MEASURES  
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FLASH POINT  
Not Applicable

	LEL	UEL
	N.A.	N.A.

FLAMMABILITY CLASSIFICATION  
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.  
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.

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Section 6 -- ACCIDENTAL RELEASE MEASURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Remove all sources of ignition. Ventilate the area.  
Remove with inert absorbent.

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Section 7 -- HANDLING AND STORAGE  
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STORAGE CATEGORY  
Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
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
 

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## PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

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/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. 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.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
 

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PRODUCT WEIGHT	9.67 lb/gal	1159 g/l
SPECIFIC GRAVITY	1.16	
BOILING POINT	212 - 500 F	100 - 260 C
MELTING POINT	Not Available	
VOLATILE VOLUME	68 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	9.0	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)		
1.57 lb/gal	188 g/l	Less Water and Federally Exempt Solvents
0.62 lb/gal	74 g/l	Emitted VOC

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