

MATERIAL SAFETY DATA SHEET

91

MANUFACTURER'S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, Ohio 44115
DATE OF PREPARATION
1-Mar-91

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

Section I — PRODUCT IDENTIFICATION

PRODUCT NUMBERS AND COLORS
B26 V 2 PROMAR® FAST-DRY® Floor Sealer
B26 V 3 PROMAR® Varnish Sanding Sealer

Section II — HAZARDOUS INGREDIENTS

CAS No.	INGREDIENT	% by WEIGHT	ACGIH-TLV	OSHA-PEL	UNITS	V.P.
64742-48-9	V. M. & P. Naphtha.	40-60	300	300	PPM	12.0
			STEL	400	PPM	
64742-47-8	Mineral Spirits.	5-25	100	100	PPM	2.0

Section III — PHYSICAL DATA

PRODUCT WEIGHT	— 6.9 lb./gal.	EVAPORATION RATE	— Slower than Ether
SPECIFIC GRAVITY	— 0.82	VAPOR DENSITY	— Heavier than Air
BOILING RANGE	— 240-395 F	MELTING POINT	— N.A.
VOLATILE VOLUME	— 72 %	SOLUBILITY IN WATER	— N.A.
VOC (Theoretical)	— 4.49-4.51 lb.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION	FLASH POINT	44-52 F	PMCC	LEL	0.9	UEL	6.0
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 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.	
ACUTE HEALTH HAZARDS	
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.	
EMERGENCY AND FIRST AID PROCEDURES	
If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.	
If ON SKIN: Wash affected area thoroughly with soap and water.	
If in EYES: Remove contaminated clothing and launder before re-use.	
If on SKIN: Flush eyes with large amounts of water for 15 minutes. Get medical attention.	
If SWALLOWED: Get medical attention.	

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, and urinary systems. Reports have associated repeated and prolonged overexposure to solvents with permanent b and nervous system damage.

Section VI — REACTIVITY DATA

STABILITY — Stable

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 container. 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 Dust" 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 ACGIH TLV 10 mg./m³ (total dust), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

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, 1910.108.

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 II.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/M 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 II.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — 1B

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents 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.

OTHER PRECAUTIONS

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

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 condition 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.

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Section I — PRODUCT IDENTIFICATION

PRODUCTS	INGREDIENT	% by WEIGHT	ACGIH-TLV	OSHA-PEL	UNITS	V.P.
Oil Base Varnish A66 F 90	Hand Rubbed Satin	A66 V 91	High Gloss			
Polyurethane Varnish A67 F 1	Hand Rubbed Satin	A67 V 1	High Gloss			
Exterior Varnish A67 V 4	High Gloss					

Section II — HAZARDOUS INGREDIENTS

CAS No.	INGREDIENT	% by WEIGHT	ACGIH-TLV	OSHA-PEL	UNITS	V.P.
64742-47-8	Mineral Spirits.	45-60	100	100	PPM	2.0
64742-88-7	Mineral Spirits	140-flash.	100	100	PPM	0.5

Section III — PHYSICAL DATA

PRODUCT WEIGHT	7.2-7.4 lb./gal.	EVAPORATION RATE	— Slower than Ether
SPECIFIC GRAVITY	0.86-0.87	VAPOR DENSITY	— Heavier than Air
BOILING RANGE	300-416 F	MELTING POINT	— N.A.
VOLATILE VOLUME	56-71 %	SOLUBILITY IN WATER	— N.A.
VOC (Theoretical)	3.53-4.48		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION FLASH POINT 102-105 F PMCC LEL 0.9 UEL 6.0
Combustible, Flash above 99 and below 200 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 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.

ACUTE Health Hazards
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.

EMERGENCY AND FIRST AID PROCEDURES

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Get medical attention.

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Section VI — REACTIVITY DATA

STABILITY — Stable
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 container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

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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, 1910.108.
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 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.
PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section II.
EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — 2
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.
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.