

SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH).

Y24WB1
18 00

DATE OF PREPARATION
Feb 28, 2012

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER

Y24WB1
SUPERPAINT® Machine Finish Alkyd Primer, Andersen White

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Sherwin-Williams (Shanghai) Ltd.
188 Wuxiang Road, Xu Hang Town, Jiading
Shanghai 201808

EMERGENCY TELEPHONE

Product Information	www.sherwin-williams.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Xn, R10, R52/53, R65

Harmful

Flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

2.2. LABEL ELEMENTS

Xn



Harmful

R – PHRASES

R10 Flammable.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.

S – PHRASES

S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53 Avoid exposure - obtain special instructions before use.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. OTHER HAZARDS

Not Available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

Not Available

3.2. MIXTURES

% by Weight	CAS Number	EC Number	EC CLASSIFICATION (67/548/EC, 1272/2008/EC)
2,5 - 10	64742-89-8 V. M. & P. Naphtha	265-192-2	Xn;R65 Asp. Tox. 1, Carc. 1B, Muta. 1B, H304, H340, H350
10 - 25	64742-88-7 Mineral Spirits	265-191-7	F;R10 Xn;R65 N;R51/53 Asp. Tox. 1, H304
1 - 2,5	7631-86-9 Amorphous Diatomaceous Earth		
2,5 - 10	14464-46-1 Cristobalite		
1 - 2,5	12001-26-2 Mica		
10 - 25	13463-67-7 Titanium Dioxide		

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

4. FIRST-AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

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.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not Available

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not Available

5. FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 37 °C (99 °F) and below 93 °C (200 °F)

5.1. EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

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.

5.3. ADVICE FOR FIREFIGHTERS

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.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Remove all sources of ignition. Ventilate the area.

Follow protective measures listed in Sections 7 and 8.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways.

If the product enters drains or sewers, notify the local water authorities; in the case of contamination of streams, rivers or lakes contact the environmental authorities.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Remove with inert absorbent.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Contents are COMBUSTIBLE. Keep away from heat and open flame.
Use approved Bonding and Grounding procedures.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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.

7.3. SPECIFIC END USE(S)

Not Available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

CAS Number	Ingredient	STEL		TWA	
		PPM	MG/M3	PPM	MG/M3
7631-86-9	Amorphous Diatomaceous Earth GB		18		6

CAS Number	Ingredient	STEL		TWA	
		PPM	MG/M3	PPM	MG/M3
14464-46-1	Cristobalite	ES			.05
		FR			.05
		PL			2
		PT			.025

CAS Number	Ingredient	STEL		TWA	
		PPM	MG/M3	PPM	MG/M3
12001-26-2	Mica	ES			3
		GB	30		10
		PL			3
		PT			

CAS Number	Ingredient	STEL		TWA	
		PPM	MG/M3	PPM	MG/M3
13463-67-7	Titanium Dioxide	ES			10
		FR			10
		GB	30		10
		PL			10
		PT			10

8.2. EXPOSURE CONTROLS

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

8.2.1. APPROPRIATE ENGINEERING CONTROLS

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 3 is maintained below applicable exposure limits.

8.2.2. INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

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 3) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 3, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction).

A) EYE/FACE PROTECTION

Wear safety spectacles with unperforated sideshields.

B) SKIN PROTECTION

I) HAND PROTECTION

Wear gloves which are recommended by glove supplier for protection against materials in Section 3.

II) OTHER

C) 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 3.

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.

D) THERMAL HAZARDS

Not Available

8.2.3. ENVIRONMENTAL EXPOSURE CONTROLS

Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

ODOR

Paint

PRODUCT WEIGHT	1383 g/l	11.55 lb/gal
SPECIFIC GRAVITY	1.39	
FLASH POINT	38 °C	101 °F
LOWER EXPLOSION LIMIT (LEL)	0.9 %	
UPPER EXPLOSION LIMIT (UEL)	6.0 %	
BOILING POINT	115 - 201 °C	240 - 395 °F
MELTING POINT	Not Available	
VOLATILE VOLUME	43%	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

2.78 lb/gal 333 g/l Less Water and Federally Exempt Solvents, 2.78 lb/gal 333 g/l Emitted VOC

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

None known.

10.2. CHEMICAL STABILITY

Stable

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None known.

10.4. CONDITIONS TO AVOID

None known.

10.5. INCOMPATIBLE MATERIALS

None known.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

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

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.

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.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

12. ECOLOGICAL INFORMATION

12.1. TOXICITY

Not Available

12.2. PERSISTENCE AND DEGRADABILITY

Not Available

12.3. BIOACCUMULATIVE POTENTIAL

Not Available

12.4. MOBILITY IN SOIL

Not Available

12.5. RESULTS OF PBT AND VPOB ASSESSMENT

Not Available

12.6. OTHER ADVERSE EFFECTS

Not Available

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.

14. TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

IMO

5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, CLASS 3, PG III, (38 C c.c.), EmS F-E, S-E, ADR (D/E)

IATA/ICAO

UN1263, PAINT, 3, PG III

ADR/RID

UN1263, PAINT, 3, PG III, ADR (D/E)
Classification Code=F1, TransportCategory=3, Tunnel Code=D/E

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Contains Methyl Ethyl Ketoxime. May produce allergic reaction

Total volatile organic compounds (VOC): 24.02 %
Total volatile organic carbon: 0.76 %

For Italian Customers only – Classes of solvents according to Italian Legislative Decree 152/06 (Table D, Part II, Annex I)

Classification	%
4	0.5
3	0.2

15.2. CHEMICAL SAFETY ASSESSMENT

Not Available

16. OTHER INFORMATION

FULL TEXT OF R – PHRASES REFERENCED IN SECTION 3. (67/548/EC, 1272/2008/EC)

R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
H304 May be fatal if swallowed and enters airways.
H340 May cause genetic defects .
H350 May cause cancer .

This Safety Data Sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH).

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.