

# SAFETY DATA SHEET

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

TZ2225/13  
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DATE OF PREPARATION  
Mar 16, 2011

## 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

### IDENTIFICATION OF THE PREPARATION

TZ2225/13  
PU TOP COAT PIGMENTED FIRE RETARDANT, WHITE, 25 GLOSS

### USE OF THE PREPARATION

Paint

### COMPANY IDENTIFICATION

SAYERLACK S.r.l. - Con Unico Socio  
Via del Fiffo, 12 - 40065 Pianoro (BO) - Italia - C.P. 18  
Cod. Fisc. e Reg. Impr. Bo 08866930152 - P. IVA: IT 00494251200  
R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531  
Società soggetta a direzione e coordinamento di The Sherwin-Williams Company, USA

### EMERGENCY TELEPHONE

Product Information	+39 051 770511 www.sayerlack.it
Regulatory Information	pianoroproductsafety@sherwin.com
Medical Emergency	

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

F, Xn, R11, R20/21, R38  
Highly flammable  
Harmful  
Highly flammable.  
Harmful by inhalation and in contact with skin.  
Irritating to skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	EC Number	EC CLASSIFICATION (67/548/EC, 1272/2008/EC)
2,5 - 10	100-41-4	202-849-4	F;R11 Xn;R20 Acute Tox. 4, Flam. Liq. 2, H225, H332
	Ethylbenzene		
25 - 50	1330-20-7	1330-20-7	R10 Xn;R20/21 Xi;R38 Acute Tox. 4, Flam. Liq. 3, Skin Irrit. 2, H226, H312, H315, H332
	Xylene		
2,5 - 10	110-19-0	110-19-0	F;R11 R66 Flam. Liq. 2, H225
	Isobutyl Acetate		
2,5 - 10	108-65-6	203-603-9	R10 Flam. Liq. 3, H226
	1-Methoxy-2-Propanol Acetate		
1 - 2,5	9002-88-4		
	Polyethylene		
10 - 25	13463-67-7		
	Titanium Dioxide		

### CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

## 4. 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 laundry before re-use.

**INHALATION:** If any breathing problems occur during use, **LEAVE THE AREA** and get fresh air. If problems remain or occur later, **IMMEDIATELY** get medical attention.

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

## 5. FIRE-FIGHTING MEASURES

### FLAMMABILITY CLASSIFICATION

RED LABEL -- Flammable, Flash below 38 °C (100 °F)

### SUITABLE EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

### SPECIAL FIRE AND EXPLOSION HAZARDS

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.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Remove all sources of ignition. Ventilate the area.

Follow protective measures listed in Sections 7 and 8.

### 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.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Remove with inert absorbent.

## 7. HANDLING AND STORAGE

### HANDLING

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.

Use approved Bonding and Grounding procedures.

### 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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PRECAUTIONS TO BE TAKEN IN USE

**NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.**

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/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction).

**EXPOSURE LIMITS**

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
100-41-4	Ethylbenzene	ES	200	884	100	441	Possibility of significant uptake through the skin
		EU	200	884	100	442	Possibility of significant uptake through the skin
		FR	100	442	20	88.4	Possibility of significant uptake through the skin
		GB	125	552	100	441	Possibility of significant uptake through the skin
		IT	200	884	100	442	Possibility of significant uptake through the skin
		PL		350		100	Possibility of significant uptake through the skin
		PT	125		100		

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
1330-20-7	Xylene	ES	100	442	50	221	Possibility of significant uptake through the skin
		EU	100	442	50	221	Possibility of significant uptake through the skin
		FR	100	442	50	221	Possibility of significant uptake through the skin
		GB	100	441	50	220	Possibility of significant uptake through the skin
		IT	100	442	50	221	Possibility of significant uptake through the skin
		PL				100	Possibility of significant uptake through the skin
		PT	150		100		

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
110-19-0	Isobutyl Acetate						

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
108-65-6	1-Methoxy-2-Propanol Acetate	ES	100	550	50	275	Possibility of significant uptake through the skin
		EU	100	550	50	275	Possibility of significant uptake through the skin
		FR	100	550	50	275	Possibility of significant uptake through the skin
		GB	100	548	50	274	Possibility of significant uptake through the skin
		IT	100	550	50	275	Possibility of significant uptake through the skin
		PL		520		260	

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
13463-67-7	Titanium Dioxide						

**OCCUPATIONAL EXPOSURE CONTROLS**

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

**RESPIRATORY PROTECTION**

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 3 may be effective. Follow respirator manufacturers directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. **NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.**

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.

**HAND PROTECTION**

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 3.

**EYE PROTECTION**

Wear safety spectacles with unperforated sideshields.

**OTHER PROTECTIVE EQUIPMENT**

Use barrier cream on exposed skin.

**OTHER PRECAUTIONS**

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Liquid

### ODOR

Paint

<b>PRODUCT WEIGHT</b>	1193 g/l	9.96 lb/gal
<b>SPECIFIC GRAVITY</b>	1.20	
<b>FLASH POINT</b>	20 °C	68 °F
<b>LOWER EXPLOSION LIMIT (LEL)</b>	1.0 %	
<b>UPPER EXPLOSION LIMIT (UEL)</b>	13.1 %	
<b>BOILING POINT</b>	112 - 150 °C	234 - 302 °F
<b>MELTING POINT</b>	Not Available	
<b>VOLATILE VOLUME</b>	55%	
<b>EVAPORATION RATE</b>	Slower than ether	
<b>VAPOR DENSITY</b>	Heavier than air	
<b>SOLUBILITY IN WATER</b>	N.A.	

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable

### CONDITIONS TO AVOID

None known.

### MATERIALS TO AVOID

None known.

### HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide , Hydrogen Chloride

### HAZARDOUS POLYMERIZATION

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### CHRONIC HEALTH HAZARDS

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

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.

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

### ECOTOXICITY EFFECTS

Not Available

### MOBILITY

Not Available

### BIOACCUMULATIVE POTENTIAL

Not Available

### PERSISTENCE/DEGRADABILITY

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

1 Gallon (3.78 Liters) and Less may be Shipped as Limited Quantity.  
UN1263, PAINT, CLASS 3, PG II, (20 C c.c.), EmS F-E, S-E, ADR (D/E)

### IATA/CAO

UN1263, PAINT, 3, PG II

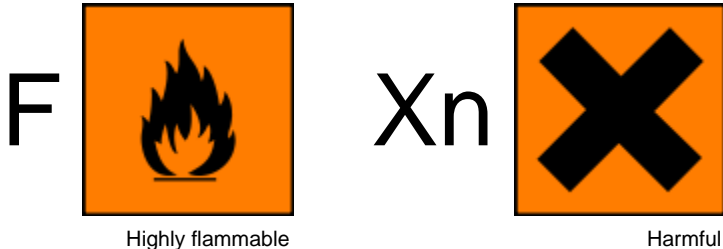
### ADR

UN1263, PAINT, 3, PG II, ADR (D/E)  
Classification Code=F1, TransportCategory=2, Tunnel Code=D/E

## 15. REGULATORY INFORMATION

### LABELING

#### HAZARD SYMBOL



#### R – PHRASES

- R11 Highly flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R38 Irritating to skin.

#### S – PHRASES

- S16 Keep away from sources of ignition - No smoking.
- S2 Keep out of the reach of children.
- S23 Do not breathe vapour.
- S36/37 Wear suitable protective clothing and gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S9 Keep container in a well-ventilated place.

Total volatile organic compounds (VOC): 40.49 %  
Total volatile organic carbon: 34.06 %

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

Classification	%
4	32.9
3	4.9

## 16. OTHER INFORMATION

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

- R10 Flammable.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R20/21 Harmful by inhalation and in contact with skin.
- R38 Irritating to skin.
- R66 Repeated exposure may cause skin dryness or cracking.

**H225** Highly flammable liquid and vapour.

**H226** Flammable liquid and vapour.

**H312** Harmful in contact with skin.

**H315** Causes skin irritation.

**H332** Harmful if inhaled.

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

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.