

SAFETY DATA SHEET

Section 1. Identification	
Product name	Perma-White® Satin Bathroom Paint
Intended use	Water-based mould resistant, satin finish interior paint designed to withstand humid conditions and prevent mildew from growing on the paint film. This material can be applied using a brush, roller, applicator pad, or sprayer.
Responsible person in EU	Zinsser UK Ltd
	01937 584411
Emergency telephone	As above

Section 2. Composition			
2.1 Substances present in concentrations requiring classification under CHIP 3 Regulations or for which there are Community workplace exposure limits.			
Substance name	Conc. range (%)	EINECS / CAS No.	Symbol based on the concentration in the preparation
No classifiable substances.			
2.2 Substances present in concentrations that do not require classification but are indicated in the Approved Supply List.			
Substance name	Conc. range (%)	EINECS or CAS No.	
Ethylene glycol	< 3.0	CAS #107-21-1	
2 Octyl- 2H-isothiazol-3-one	< 0.08	CAS # 26530-20-1	
Zinc oxide (fume)	<1.1	CAS # 1314-13-2	

Section 3. Hazards identification	
Classification	Not classified

Zinsser Direct, Carver Building, Littles Lane, Wolverhampton WV11JY
 01902 712286, www.zinsserdirect.co.uk, sales@zinsserdirect.co.uk

Section 4. First aid measures	
General	In all cases of doubt, or when symptoms persist, seek medical attention. Show label where possible. Never give anything by mouth to an unconscious person.
Inhalation	No specific treatment is necessary as the material is not likely to be hazardous by inhalation. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty.
Skin contact	Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use. If irritation occurs, consult a physician.
Eye contact	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.
Ingestion	If swallowed, obtain medical treatment immediately.

Section 5. Fire-fighting measures	
Extinguishing media	The preparation is not flammable.
Prohibited extinguishing media	Not applicable
Special exposure hazards	Not applicable
Special protective equipment for fire fighters	As the product contains combustible organic components fire can produce black smoke containing hazardous products of combustion. Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Section 6. Accidental release measures	
Personal precautions	Exclude non-essential personnel. Avoid breathing vapour. Floors may become slippery. Refer to protective measures listed in Sections 7 and 8.
Environmental precautions	The material is not classified as toxic to the environment. However, care should be taken not to allow entry into drains or watercourses.
Cleaning up measures	Exclude non-essential personnel. Floors may become slippery. Refer to protective measures

	listed in Sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, e.g., sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with local waste control laws (see Section 13). Do not allow it to enter drains or watercourses. Clean preferably with a detergent; avoid the use of solvents.
--	---

Section 7. Handling and storage

Handling	Handling Apply product only in accordance with methods stated in Section 1. Avoid skin and eye contact. Avoid inhalation of spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection, see Section 8. Good housekeeping standards and regular safe removal of waste materials are recommended.
Storage	Keep container tightly closed when not using. Keep out of the reach of children. Protect from freezing.
Specific uses	Apply this product in accordance with the methods stated in Section 1.

Section 8. Exposure controls / personal protection

Exposure limit values		
	TWA (8 hours) mg.m ⁻³	Other
2 Octyl- 2H-isothiazol-3-one	No data.	
Ethylene glycol	Particulate: 10 Vapour: 52	
Zinc Oxide (fume)	5	STEL 10 mg.m ⁻³
Exposure controls	Ensure good ventilation during application and drying.	
Occupational exposure controls	The Control of Substances Hazardous to Health Regulations 1994 (COSHH) may apply to the use of this product work. Engineering control of operator exposure must be used where reasonably practicable in addition to personal protective equipment (PPE). However, engineering controls may replace PPE if a COSHH assessment that they provide an equal or higher standard of protection.	
(a) Respiratory protection	Should not be necessary under normal conditions of use. Suitable respiratory protective equipment should be worn during spray application to prevent inhalation of spray	

	mists. Special precautions should be taken during surface preparation of pre-1960 paint surfaces as they may contain harmful lead. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.
(b) Hand protection	Where skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
(c) Eye protection	Eye protection designed to protect against liquid splashes should be worn.
(d) Skin protection	Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
Environmental exposure controls	The material is not classified as toxic to the environment. However, care should be taken not to allow entry into drains or watercourses.

Section 9. Physical and chemical properties			
General information			
Appearance	White liquid.	Odour	Slight ammoniacal odour.
Important health, safety and environmental information			
PH Range	9.1 - 9.5	Viscosity Range	80 – 90 KU
Flammability	Not flammable.	Flash point	> 94°C
Lower Explosive Limit	Not flammable.	Upper Explosive Limit	Not flammable.
Water solubility	Soluble.	Specific Gravity (water = 1)	1.3
Vapour pressure	Not determined.	Vapour density	> Air

Section 10. Stability and reactivity	
Conditions to avoid	None known.
Materials to avoid	Strong acids, strong bases and strong oxidising agents
Hazardous decomposition products	Not evaluated

Section 11. Toxicological information	
Acute toxicity	The preparation has been assessed and found to produce no effect.
Corrosivity	The preparation has been assessed and found to produce no effect.
Sensitisation	The preparation has been assessed and found to produce no effect.
Repeated dose toxicity	The preparation has been assessed and found to produce no effect.
Mutagenicity	The preparation has been assessed and found to produce no effect.
Carcinogenicity	The preparation has been assessed and found to produce no effect.
Reproductive toxicity	The preparation has been assessed and found to produce no effect.

Section 12. Ecological information
There is no data available on the product itself. The preparation does contain 2-Octyl-2H-isothiazol-3-one, which is classified as very toxic to aquatic organisms although the level does not result in the preparation being classified as toxic to the environment. The product should not be allowed to enter drains, watercourses, access routes to septic tanks or be deposited where it can affect ground or surface waters.

Section 13. Disposal considerations
Do not allow into drains, watercourses, access routes to septic tanks or dispose of where ground or surface waters may be affected.

Section 14. Transport information	
UN number	N/A
Class	N/A
Shipping name	Paint Products.
Packing group	N/A
Marine pollutant	N/A
Other information	N/A

Section 15. Regulatory information
The preparation was evaluated according to the requirements of The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, EH40/2002 Occupational Exposure Limits and was not classified.

Section 16. Other information	
R – phrases	Not applicable.
Training advice	The information contained in this safety data

	sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those indicated in Section 1 without first contacting the supplier and obtaining written handling instructions.
Recommended use restrictions	Keep out of reach of children. Contact Zinsser UK Ltd. for specific enquiries regarding the safe use and handling.
Further information	Key: STEL: Short term exposure limit. TLV: Threshold limit value ACGIH: American Conference of Governmental Industrial Hygienists. KU: Krebs Unit mg/m ³ or mgm-3: Milligram's per cubic metre N/A: Not Applicable ppm: Parts per million. PEL: Permissible exposure limits TWA: Time weighted average. OEL: EH40/Occupational Exposure limits 2002 MAK: Maximale Arbeitsplatzkonzentrationen - Germany

Zinsser Direct, Carver Building, Littles Lane, Wolverhampton WV11JY
 01902 712286, www.zinsserdirect.co.uk, sales@zinsserdirect.co.uk