

## SAFETY DATA SHEET

Section 1. Identification	
Product name	Perma-White® Exterior.
Intended use	Water-based mildew proof exterior house paint. 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			
<b>2.1 Substances present in concentrations requiring classification under CHIP 3 Regulations or for which there are Community workplace exposure limits.</b>			
Substance name	Conc. range (%)	EINECS / CAS No.	Symbol based on the concentration in the preparation
2 Octyl- 2H- isothiazol-3-one	0.13	26530-20-1	Xi
Zinc oxide (fume)	4.11	1314-13-2	
<b>2.2 Substances present in concentrations that do not require classification but are indicated in the Approved Supply List.</b>			
Substance name	Conc. range (%)	EINECS/CAS No.	
Ethylene glycol		3.2	107-21-1

Section 3. Hazards identification	
Classification	Xi Irritant

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

<b>Section 4. First aid measures</b>	
<b>General</b>	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.
<b>Inhalation</b>	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.
<b>Skin contact</b>	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.
<b>Eye contact</b>	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.
<b>Ingestion</b>	If swallowed, obtain medical treatment immediately.

<b>Section 5. Fire-fighting measures</b>	
<b>Extinguishing media</b>	Use water spray, foam or carbon dioxide.
<b>Prohibited extinguishing media</b>	Not applicable
<b>Special exposure hazards</b>	Not applicable
<b>Special protective equipment for fire fighters</b>	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.

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

<b>Handling</b>	<b>Handling</b> 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.
<b>Storage</b>	Keep container tightly closed when not using. Keep out of the reach of children. Protect from freezing.
<b>Specific uses</b>	Apply this product in accordance with the methods stated in Section 1.

### Section 8. Exposure controls / personal protection

<b>Exposure limit values</b>		
	TWA (8 hours) mg.m <sup>-3</sup>	Other
2 Octyl- 2H-isothiazol-3-one	No data.	
Ethylene glycol	Particulate: 10 Vapour: 52	
Zinc Oxide (fume)	5	STEL 10 mg.m <sup>-3</sup>
<b>Exposure controls</b>	Ensure good ventilation during application and drying.	
<b>Occupational exposure controls</b>	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.	
<b>(a) Respiratory protection</b>	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>(b) Hand protection</b>	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.
<b>(c) Eye protection</b>	Eye protection designed to protect against liquid splashes should be worn.
<b>(d) Skin protection</b>	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.
<b>Environmental exposure controls</b>	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

<b>General information</b>			
<b>Appearance</b>	White liquid.	<b>Odour</b>	Slight ammoniacal odour.
<b>Important health, safety and environmental information</b>			
<b>PH Range</b>	9 - 10	<b>Viscosity</b>	95 KU
<b>Flammability</b>	Not flammable.	<b>Flash point</b>	> 94°C
<b>Lower Explosive Limit</b>	Not flammable.	<b>Upper Explosive Limit</b>	Not flammable.
<b>Water solubility</b>	Soluble.	<b>Specific Gravity (water = 1)</b>	1.34
<b>Vapour pressure</b>	Not determined.	<b>Vapour density</b>	> Air

## Section 10. Stability and reactivity

<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	Strong acids, strong bases and strong oxidising agents
<b>Hazardous decomposition products</b>	Not evaluated

## Section 11. Toxicological information

<b>Acute toxicity</b>	The preparation has been assessed and found to produce no effect.
<b>Corrosivity</b>	The preparation has been assessed and found

	to produce no effect.
<b>Sensitisation</b>	The preparation has been assessed and is classified as a potential sensitiser due to the presence of 2-Octyl-2H-isothiazol-3-one.
<b>Repeated dose toxicity</b>	The preparation has been assessed and found to produce no effect.
<b>Mutagenicity</b>	The preparation has been assessed and found to produce no effect.
<b>Carcinogenicity</b>	The preparation has been assessed and found to produce no effect.
<b>Reproductive toxicity</b>	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

<b>UN number</b>	N/A
<b>Class</b>	N/A
<b>Shipping name</b>	Paint Products.
<b>Packing group</b>	N/A
<b>Marine pollutant</b>	N/A
<b>Other information</b>	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 classified as follows:

Irritant

May cause sensitisation by skin contact.

Keep out of the reach of children

Contains 2-octyl-2H-isothiazol-3-one.: may cause sensitisation by skin contact.

### Section 16. Other information

<b>R – phrases</b>	May cause sensitisation by skin contact.
<b>Training advice</b>	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.
<b>Recommended use restrictions</b>	Keep out of reach of children. Contact Zinsser UK Ltd. for specific enquiries regarding the safe use and handling.
<b>Further information</b>	Key: STEL: Short term exposure limit. TLV: Threshold limit value ACGIH: American Conference of Governmental Industrial Hygienists. KU: Krebs Unit mg/m <sup>3</sup> 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](http://www.zinsserdirect.co.uk), [sales@zinsserdirect.co.uk](mailto:sales@zinsserdirect.co.uk)