

SAFETY DATA SHEET

Product & Reference: Sadolin WOP016 Water-borne Opaque Primer

Date of Issue: 14/05/02

VERSION: ORIGINAL

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1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product code and name: Sadolin WOP016 Water-borne Opaque Primer

Intended use: A water based undercoat designed to help inhibit staining due to extractives in the timber, when overcoated with water based joinery systems.

Name, address and telephone number: Akzo Nobel Woodcare, Meadow Lane, St Ives, Cambs. PE27 4UY
Tel - 01480 496868 Fax - 01480 496801

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain substances at concentrations presenting a health hazard within the meaning of Chemicals (Hazard Information and packaging) Regulations (CHIP).

3. HAZARDS IDENTIFICATION

This product is not classified dangerous according to the CHIP Regulations.

4. FIRST AID MEASURES

General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in a prone position with head to the side (recovery position) and seek medical advice.

Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

Ingestion:

If accidentally swallowed obtain immediate medical attention, preferably at the nearest hospital accident emergency unit. Show this safety data sheet. Keep at rest. Do NOT induce vomiting. If conscious give milk or water to drink.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Recommended: alcohol resistant foam, CO₂, powder, water spray/mist.

Not to be used: water jet.

Recommendations:

Fire will produce dense black smoke containing hazardous product of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Warn others of the dangers present and exclude non-essential personnel. Avoid breathing vapours. Floors may become slippery. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, eg, sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with the waste regulations (see Section 13). Do not allow to enter drains or water courses.

Clean preferably with a detergent; avoid the use of solvents.

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

7. HANDLING AND STORAGE

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.

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For personal protection, see Section 8.

Never use pressure to empty; the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards.

The Manual Handling Operations Regulations 1992 may apply to the handling of containers of this product. To assist employers the following method of calculating the weight for any pack size is given.

Take the pack size volume in litres and multiply this figure by the specific gravity value given in Section 9. This will give the nett weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

Storage

Observe the label precautions. Store between 5 and 30°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. The principles contained in the HSE's guidance note HS(G)71 "Storage of Packaged Dangerous Substances" should be observed when storing this product. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control of Substances Hazardous to Health Regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use.

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protection

Respiratory protection:

Should not be necessary under normal conditions of use.

Hand Protection:

Where skin exposure may occur wear impervious gloves, 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.

Eye Protection:

Eye protection designed to protect against liquid splashes should be worn.

Skin Protections:

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

physical state:	White viscous liquid	
viscosity:	4 poise ICI rotothinner @ 21°C	
specific gravity:	1.27 Kg/L @ 21°C	method BS3900 Part A12
solubility in water:	Miscible	
pH:	8.5 - 9.0	

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (See section 7). In a fire, hazardous decomposition and products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible local damage.

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Ingestion may result in the following effects: sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act 1974 and the Environmental Protection Act 1990.

For further information, see "Waste Management - The Duty of Care - A Code of Practice" available from HMSO.

14. TRANSPORT INFORMATION

Transport within users premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

Not Hazardous for transport

15. REGULATORY INFORMATION

The product is determined as not being dangerous for supply according to the Chemicals (Hazard Information and Packaging) Regulations.

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

The information contained in this safety data sheet is provided in accordance with the provisions of the Health and Safety at Work Act Section 6 as modified by the Consumer Protection Act 1987.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instruction.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988 : 1657)

The Manual Handling Operations Regulations 1992 (SI 1992 : 2793)

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992 : 2839)



PRODUCT DATA SHEET

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VERSION: Revision 1

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Water-borne Opaque Primer Sadolin WOP016

A white water-borne sealer/undercoat which has been formulated to help inhibit staining due to extractives in the timber, when over coated with water-borne joinery systems. It can be applied by spray to interior and exterior joinery. This product cannot be guaranteed against resin exudation. The user may wish to employ extra protective measures against staining around knots such as the use of fresh shellac knotting. Please note shellac and other knotting substances are not guaranteed to prevent resin exudation and may impair the adhesion of subsequent coatings.

PHYSICAL PROPERTIES

Weight per litre	1.25 - 1.29 Kg/L @ 21°C
Viscosity	3.8 - 4.2 poise @ 21°C ICI Rotothinner
Flash point	Above 55°C
Weight solids	42 to 46%
Shade	White
pH	8.5 - 9.0

HEALTH AND SAFETY

This product is intended for use by professional applicators in industrial situations in accordance with the advice given on the Health and Safety Data Sheet and the containers. If for any reason a copy of the relevant Health and Safety Data Sheet is not immediately available, the user should contact Akzo Nobel Woodcare to obtain a copy before using the product.

APPLICATION DETAILS

1)	Substrate	For interior and exterior use
2)	Drying time/conditions	Recoatable - After approximately 4 hours The above drying times are calculated at 20°C and 65% relative humidity, air speed minimum 0.5 metres per second <u>across the faces</u> of the items and 15 air exchanges per hour. The drying times can be greatly reduced by altering the above conditions. Contact your Joinery Account Manager for details. <i>Immediately following application it is advisable to keep the joinery in still, humid air for at least 10 to 15 minutes. This allows the product to flow out and will reduce the possibility of trapped moisture in the drying coating.</i> Drying is crucial to the application process. It is recommended that a joint consultation with Akzo Nobel Woodcare and the machine manufacturers concerned takes place for each factory layout. Minimum application temperature, material and air, 10°C.
3)	Method of application	Air assisted airless spray at a fluid pressure between 80 and 100 bar and a maximum air assistance of 2 bar. Recommended tip sizes 0.011" at these pressures.
4)	Recommended film thickness	150 micrometres
5)	Mixing instructions	Stir well before use
6)	Cleaning instructions	Use water

STORAGE CONDITIONS

Protect from frost - store above 5°C and below 30°C.
Keep container tightly closed when not in use.

SHELF LIFE

6 months in unopened containers.

This data sheet supersedes all previous data sheets supplied relating to this product. It contains important information which must be communicated to the user. Users must satisfy themselves of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of Akzo Nobel Woodcare. Users must also satisfy themselves of the suitability of the product in circumstances other than those set out in this data sheet. Akzo Nobel Woodcare is always willing to answer user's enquiries regarding its products.

For further help and information on recommended coating systems and specifications please contact the Customer Support Centre on 01480 496868.



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