

PoleProtect

Wood Preservative for Industrial High-Pressure Impregnation

DESCRIPTION

PoleProtect is a water-free wood preservative, based on natural oil. The biocidal efficacy is achieved by the use of copper and two organic co-biocides (a quaternary ammonium compound and a triazole) as active substances.

PoleProtect is a wood preservative that provides protection against wood-destroying fungi and insects. PoleProtect is supplied as a ready-to-use preparation and is applied to wood in an industrial high-pressure treatment.

Wood protected by PoleProtect can be used externally in all weather conditions and in ground contact.

It is suitable for utility poles, telecommunication poles and other external wooden structures.

PROPERTIES

State:	Liquid
Colour	Dark Green
Odour	Characteristic odour
Flash point	164°C
Density	0.9 – 1.0
pH value	Not Applicable

PACKAGING and STORAGE

Packaging unit: 1000 litre container, bulk.

Can be stored for up to 3 years. Do not store in temperatures above 30°C. Opened containers should be kept well sealed and be accessible only to qualified staff.

PoleProtect reacts to frost. At temperatures below 10°C the product loses its fluidity and becomes viscous. The product can be used without restrictions when the temperature is raised and it has been thoroughly mixed.

SAFETY INFORMATION

The handling and safety precautions shown on the PoleProtect product label must be understood and followed. Use only as a wood preservative, and as described on the label. See the product label and the Safety Data Sheet for further information.

Causes skin irritation.

Causes serious eye damage.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water/soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

Dispose of contents/container to hazardous or special waste collection point.

HANDLING PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection when using the product and during maintenance of treatment equipment.

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Protect cuts and abrasions by means of a waterproof dressing. When using, do not eat, drink or smoke. Wash splashes from eyes and skin immediately with water. Wash hands and exposed skin before meals and after use.

Do not contaminate watercourses or ground. Dispose of surplus chemical, contaminated materials (including sawdust) and the empty container safely using a method approved by the waste disposal authority.

RECOMMENDATIONS FOR USE

Timber

The timber to be preserved shall be clean and dry to allow penetration of the liquid, and not decayed by fungi or attacked by insects.

Wood-working (e.g. drilling, cutting) should be carried out before treatment. At the time of treatment the timber moisture content must be below the fibre saturation point (approximately 28% m/m) and should be at the moisture content appropriate for the end use of the preserved timber.

Preservative Application

PoleProtect should be applied to wood in an industrial high-pressure treatment. It has to be in an appropriate pressure/vacuum process, the application temperature of PoleProtect depends on the type of wood being treated, the impregnation process and the level of protection that has to be achieved. More details about this can be obtained from Koppers upon request.

Limitations on Use

Do not use if the wood to be treated is intended to come into direct contact with human or animal food.

Uptake

The minimum uptake for wood in ground contact is 90 kg/m³ in the saturated zone. This amount may need to be higher in particularly vulnerable installation situations.

Handling Precautions and Drying of Freshly Treated Wood

If freshly treated timber is visibly wet with the preservative, then impervious clothing such as impervious gauntlets, impervious footwear and an impervious apron should be worn when handling the recently treated timber.

Wash splashes from eyes and skin immediately with water. Do not eat, drink or smoke whilst handling freshly treated timber. Wash hands and exposed skin before eating, drinking, smoking and after work. Protect cuts and abrasions by means of a waterproof dressing.

Treated wood must be held until surfaces are dry within a bunded, hard standing area on a site which is maintained to prevent loss of treatment product to the environment.

Treated timber will dry naturally, but to minimise the drying period, it is recommended that it is open piled in a well-ventilated position.

Timber which still has preservative liquid on its surfaces, or within a pack, must not be despatched.

POLEPROTECT PRESERVED WOOD

DESCRIPTION

PoleProtect preserved wood has been preserved by the correct application of PoleProtect wood preservative by an industrial high-pressure treatment.

PoleProtect preserved wood is protected against wood rotting fungi and wood destroying insects.

See the "User's Guide to PoleProtect Preserved Wood" for additional and important information.

DISPOSAL

Preserved timbers which are no longer usable such as cut ends, broken poles, sawdust, or treated timber material taken out of service, may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with national and local regulations. For up to date information please contact the Technical Services Department.

ADDITIONAL INFORMATION

PoleProtect contains N,N-Didecyl-N-methyl-poly (oxyethyl)ammonium propionate, cyproconazole and copper dihydroxide. Always read the label. Use pesticides safely.

PoleProtect treated wood products are produced by independently owned and operated wood preserving facilities.

PoleProtect is registered as 'Protect OS-315'.

Koppers Performance Chemicals provides a range of products and technologies for the treatment, protection and enhancement of timber. Information and advice is available on all aspects of our products from the Technical Services Department.

For more information visit;

www.kopperspc.eu

email : kpc@koppers.eu

Telephone: +44 (0) 1628 486644

Emergency: +44 (0) 1628 890907

Protim Solignum Ltd. trades as Koppers Performance Chemicals. A Koppers Company.

Protim Solignum Limited's products are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Protim Solignum endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it save as specifically provided by its Terms and Conditions of Sale.

Protim Solignum Ltd
Fieldhouse Lane, Marlow, Bucks SL7 1LS, UK | Tel: 00 44 (0)1628 486644 | Fax: 00 44 (0)1628 476757
Registered in England - 3037845 | Registered Office: Fieldhouse Lane, Marlow, Bucks SL7 1LS, UK.
Copyright © Koppers Performance Chemicals – TDS 2327 PoleProtect June 2017

Approved by LN and AS



FM 01724



FM 36409