



Shoe & Leather Care Products



Horse Care Products



Footwear finishes, adhesives and craft products

Material Safety Data Sheet

Hazardous Substance, Dangerous Goods

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **Waproo Liquid Beeswax Polish**

Synonyms:

CAS-No.:

Molecular Formula:

Supplier: WAPROO PTY LTD
 ACN: 004 520 254
 Street Address: 7 Ordish Road
 Dandenong South VIC 3175
 Australia
 Telephone: (03) 9238 9888
 Facsimile: (03) 9238 9899

Emergency telephone number: +613 9238 9888 (8am – 5pm, Monday to Friday)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Timber furniture polish.

Appearance: Liquid with solvent odour.

CHEMICAL ENTITY	CAS NO.	PROPORTION
White spirit	8052-41-3	HIGH
Pure gum turpentine	9005-90-7	HIGH
Additives (includes waxes, petroleum products, etc.)	-	MED
		100%

PROPORTION (% weight per weight):
 VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1
 All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

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3. HAZARDS IDENTIFICATION

Hazardous according to criteria of Worksafe Australia.

Hazard Category

Xn Harmful

R-phrases(s)

R10 Flammable.

R65 Harmful: May cause lung damage if swallowed.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Class: 3 Flammable Liquid

Poisons Schedule (Aust)/Toxic Substance (NZ): S5

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

Ingestion: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek immediate medical assistance.

Eye contact: Irrigate with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin contact: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Notes to physician: Treat symptomatically.

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5. FIRE-FIGHTING MEASURES

Specific hazards: Flammable liquid. May form flammable vapour mixtures with air. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to source of ignition and flash back.

Fire fighting further advice: Flammable liquid. On burning will emit toxic fumes. Heating can cause expansion or decomposition leading to violent rupture of containers. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Shut off all possible sources of ignition. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal.

7. HANDLING AND STORAGE

Storage: Store in a well ventilated area away from sources of heat or ignition. Store in a cool place and out of direct sunlight. Store away from oxidising agents. Keep containers closed at all times - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

However, Exposure Standards for constituent:

	TWA	
	ppm	mg/m ³
White spirit	-	790

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As published by the National Occupational Health and Safety Commission (Worksafe Australia).

No Exposure Standards assigned to other constituents.

Exposure Standards -

TWA - the Time-Weighted Average airborne concentrations over an eight-hour working day, for a five-day working week over an entire working life.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Ensure ventilation is adequate and that air concentrations of components are below quoted Exposure Standards. Use with local exhaust ventilation while wearing organic vapour respirator. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal protection equipment: SHE Pacific Personal Protection Guide: G - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES (S), RESPIRATOR.

Avoid skin and eye contact and inhalation of vapour. Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from Viton[™] should be suitable for intermittent contact. (1) However, due to variations in glove construction and local conditions, a final assessment should be made by the user. If inhalation risk exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Liquid with solvent odour.

Solubility: Insoluble in water.

Specific Gravity (20 C)	: 0.83	Melting Point (C)	: N App
Rel Vapour Density (air=1)	: >1	Boiling Range (C)	: >150 *
Vapour Pressure (20 C)	: N Av	Decomp. Point (C)	: N Av
Flash Point (C)	: 32 *		
Flammability Limits (%)	: N Av	pH	: N App

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Autoignition Temp (C) : N Av Viscosity : N Av
% Volatile by volume : 85.22 Evaporation Rate : N Av
Solubility in water : Insoluble (n-Butyl acetate=1)
* For Pure gum turpentine.
(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Stability: May react with oxidising agents.

11. TOXICOLOGICAL INFORMATION

Main symptoms: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is a greater likelihood of vomit entering the lungs and causing subsequent complications.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation: Vapour may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness.

Long Term Effects: No data available for product.
However, for the solvents: Repeated or prolonged exposure to these chemicals could result in central nervous system disorders.

Acute toxicity / Chronic toxicity

No LD50 data available for product. The toxicity of the product may be attributed to the solvents it contains. Additive effects may occur with mixtures of solvents. Similar effects can occur where the consumption of alcohol is also involved.

For WHITE SPIRIT, a constituent (2):

Inhalation (rat, 8 hours): 1400 ppm - fatal for 1 of 15 rats

Inhalation (Beagle dogs and cats): 1400 ppm - tremors, convulsions and death between 2.5 and 7.5 hours.

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There were no significant effects in dogs that inhaled 330, 190 and 84 ppm, 6 hours daily, 5 days/week for 13 weeks. However, rats exposed to 330 ppm for the same duration showed slight kidney damage.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Advise flammable nature. Normally suitable for incineration by approved agent.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

UN-No: 1993
Class: 3 Flammable Liquid
Hazchem code: 3[Y]
EPG: 3A1
Packing group: Packing Group 3

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (CONTAINS TURPENTINE AND WHITE SPIRITS)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

15. REGULATORY INFORMATION

Hazardous according to criteria of Worksafe Australia.

Hazard Category

Xn Harmful

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R-phrases(s)

R10 Flammable.
R65 Harmful: May cause lung damage if swallowed.

S-phrases(s)

S2 Keep out of reach of children.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Poisons Schedule: S5

16. OTHER INFORMATION

Literary reference

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

For further information about this product;
Telephone: +613 9238-9888

Reason(s) For Issue: Admin Changes

(1), In 'Quick Selection Guide to Chemical Protective Clothing 3rd ed.',
(Ed. K. Forsberg and S.Z. Mansdorf), (Van Nostrand Reinhold Inc: 1997).

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Waproo Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.