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For purchasing information visit:
[Manns Extra Tough Interior Varnish](#)



MANN S

Safety Data Sheet

Manns Extra Tough Interior Varnish

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1. Product Identifier

Name	Manns Extra Tough Interior Varnish
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	Varnish finish for wood
Name	Manns Extra Tough Interior Varnish

1.3. Details of the supplier of the safety data sheet

Company	Wood Finishes Direct LTD
Address	Unit B, 5 Acre Trade Estate, Park Farm Road, Folkestone, KENT, CT19 5DS
Web	www.wood-finishes-direct.com
Telephone	+44 (0)1303 213838
Fax	+44 (0)844 815 4992
Email	wood@finishes-direct.com
Email address of the competent person	wood@finishes-direct.com

1.4. Emergency telephone number

Emergency telephone number	+44 (0)1303 213838
Company	Wood Finishes Direct LTD 7am - 7pm Mon - Fri, 8am - 5pm Sat, 10am - 4pm Sun.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Not Classified
Main hazards	Not Classified
2.1.2. Classification - EC 1272/2008	Not Classified

2.2. Label elements

Hazard pictograms	Not Classified
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2.1. Classification of the substance or mixture

Signal Word	Not Classified
Hazard Statement	Not Classified

2.2. Other Hazards

Manns Extra Tough Interior Varnish

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Classification of the substance or mixture

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Reg No	Cont. (%w/w)	Classification	M-factor.
3-BUTOXYPROPAN-2-OL		5131-66-8	225-878-4		1-5%	Xi;R36/38	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General Information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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4.3. Indication of any immediate medical attention and special treatment needed

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

	Not regarded as dangerous for the environment. Avoid or minimise the creation of any environmental contamination.
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6.3. Methods and material for containment and cleaning up

	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
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6.4. Reference to other sections

Manns Extra Tough Interior Varnish

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling. Avoid contact with skin and eyes. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end use(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Eye / face protection

If risk of splashing, wear safety goggles or face shield.

Skin protection - Handprotection

Use suitable protective gloves if risk of skin contact.

Skin protection - Other

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Manns Extra Tough Interior Varnish

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Odour	No data available
Odour threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	115 g/litre

10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

	Stable under normal temperature conditions.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

	Avoid excessive heat for prolonged periods of time.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).
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Manns Extra Tough Interior Varnish

11. TOXICOLOGICAL INFORMATION

11.1.4. Toxicological Information

Inhalation	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Eye contact	Spray and vapour in the eyes may cause irritation and smarting.
Skin Contact	Liquid may irritate skin.
Ingestion	May cause discomfort if swallowed.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous for the environment.
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12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

	Dispose of waste and residues in accordance with local authority requirements.
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14. TRANSPORT INFORMATION

Road transport notes	Not classified.
Road transport notes	Not classified.
Road transport notes	Not classified.
Road transport notes	Not classified.

Hazard pictograms

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.5. Special precautions for user

14.6. Transport in bulk according to Annex II of MARPOL and the IBC Code

Manns Extra Tough Interior Varnish

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

16. OTHER INFORMATION

Risk phrases in full	R36/38: Irritating to eyes and skin.
General information	This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy