CHESTNUT
PRODUCTS

PRODUCT SAFETY DATA SHEET for

Ebonising Lacquer

1. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME	Acrylic Gloss Lacquer
INTENDED USE	Air drying paint/lacquer product
SUPPLIER:	Chestnut Products PO Box 536 Ipswich IP4 5WN Telephone 01473 425878 Fax 01473 431096

2. COMPOSITION/INFORMATION OF INGREDIENTS

A mixture of water, resins and organic solvents as required.
For details of substances presenting a health hazard within the meaning of the Chemicals (Health Information & Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.

3. HAZARDS IDENTIFICATION

Prolonged or repeated exposure to these products may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Extremely flammable.

4. FIRST AID MEASURES

GENERAL	Move the exposed person to fresh air at once. In all cases of doubt or where symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
INHALATION	Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
EYE CONTACT	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 15 minutes, keeping the eyelids apart, Seek medical advice
SKIN CONTACT	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvent or thinners
INGESTION	If accidentally swallowed obtain immediate medical attention. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Keep at rest. Do NOT induce vomiting

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Carbon Dioxide, Dry Powder, dry chemicals, Sand, Foam. Water Spray, fog or mist.
NOT TO BE USED:	
SPECIAL INSTRUCTIONS TO FIRE FIGHTING PERSONNEL	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Aersol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Exclude sources of ignition and ventilate the area. Exclude nonessential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 & 8.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter drains or water courses. Clean area 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 River Authority.
METHODS FOR CLEANING UP	Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations.

CHESTNUT
PRODUCTS

7. STORAGE AND HANDLING

HANDLING Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concentrations higher than the OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools and exclude sources of heat, sparks and flames. Keep container tightly closed. Avoid skin and eye contact. For personal protection refer to Section 8. Good housekeeping and regular removal of waste materials will reduce risks. The product may charge electrostatically. Use earthing leads when transferring from one container to another. Wear anti-static footwear and clothing. Floors should be electrically conductive.

STORAGE Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note Storage of Flammable Liquids in Containers. Observe the label precautions. Store below 50°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. Store away from oxidising agents and strongly alkaline and acid materials. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particaluates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn

Substance Name	% Conc Range	Symbol	OES 8 hr ppm	OES 10 min ppm	Risk Phrases	Notation
2-BUTOXYETHANOL	>5% and =<10%	Xn	25.00		12,366,667	SkMEL
ACETONE	> 25% and =< 50%		750.00	150.00		OES
4-METHYLPENTAN-2-ONE	>1% and =< 5%		50.00	75.00		SkOES
1-METHOXY PROPAN-2-OL ACETATE	>1% and =< 5%		100.00			OES
BUTANE	>10% and =<25%		600.00	750.00		OES

NOTES
Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer
OES - Occupational Exposure Standard MEL - Maximum Exposure Limit
OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.
*=OES given in mg/cubic metre - no figures are available for parts per million.

GENERAL PROTECTION All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations

RESPIRATORY PROTECTION Air fed respiratory equipment should be worn when this product is sprayed if the levels of exposure cannot be controlled to below OEL 's and engineering methods cannot be reasonably improved.

HAND PROTECTION Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied to contaminated skin.

EYE PROTECTION Eye protection designed to protect against liquid splashes should be worn

SKIN PROTECTION 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	Aerosol	VAPOUR DENSITY	N/A
FLASH POINT	40ºC Method	LOWER EXPLOSION LIMIT	.8% Vol.
VISCOSITY		SOLUBILITY IN WATER	INSOLUBLE
SPECIFIC GRAVITY			

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handing conditions (see Sect 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

11. TOXICOLOGICAL INFORMATION

INGREDIENTS	LD50 (ANIMAL/ORAL)
2-Butoxyethanol	15G/kG (Rat)
Acetone	9.75g/Kg (Rat)
4-Methylpentan-2-One	2.1g/Kg (Rat)
1-Methoxy Propan-2-Ol Acetate	8.5g/Kg (Rat)

There is no data available on the product itself.

Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse affects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases unconsciousness.

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

Acetone may produce conjuctival irritation and dermatitis. High vapour concentrations irritate the respiratory tract, are anaesthetic and may cause headaches and dizziness and depress the central nervous system leading to unconsciousness. Ingestion may cause gastro-intestinal irritation and depression of the central nervous system leading to unconsciousness.

12. ECOLOGICAL INFORMATION

There is no data on the product itself. The product should not be allowed to enter drains of water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Acetone has no bio-accumulation potential, is not acutely toxic and has good bio degradability.

13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains of 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 & Environmental Protection Acts.

14 TRANSPORT INFORMATION

Road/Rail	SI Number Designation	1950 PAINT	Packing Group	ll.	Class	9
Sea	Packing group. <=30lts	||	UN Number	1950	Class	9
	Marine Pollutant	No	MFAG	310		
	EMS	3-05				
	Main Risk	EXTREMELY FLAMMABLE				
	Shipping Name	PAINT UN 1950				
Air	Packing Group <=30lts	||			Class	9
	UN Number	1950				
	Main Risk	EXTREMELY FLAMMABLE				
	Shipping Name	PAINT				
International			UN Number	1950	Class	9
Road/Rail	Packing Group	||				
	Item Number	5b				
	Main Risk	EXTREMELY FLAMMABLE				
	Shipping Name	PAINT				

CHESTNUT
PRODUCTS

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows:

Classification	f -	Extremely Flammable
Contains		
Risk Phrases		
Safety Phrases	2	Keep out of children's reach
	16	Keep away from sources of ignition - no smoking
	23	Do not breathe Vapour or Spray
P' Phrases	51	Use only in well ventilated areas

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation.
The provisions of the Health & Safety at Work etc. Act and the control of Substances Hazardous to Health Regulation apply to this use of this product at work.

16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 8

R11 Highly Flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness
R20 Harmful by inhalation
R36/37 Irritating to eyes and respiratory system
R10 Flammable
R12 Extremely Flammable
R36/38 Irritating to eyes and skin
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

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The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and the 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)
Storage of Flammable Liquids in Containers HS(G)51
Storage of Packaged Dangerous Substances HS(G)71
The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2893)