

# PALACE CHEMICALS LTD

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# SAFETY DATA SHEET No. 133 – issue date 24-06-03

## PRODUCT: **BUTTON / FRENCH POLISH**

<b>SUBSTANCE IDENTIFICATION:</b>			
<b>BUTTON / FRENCH POLISH</b>			
<b>COMPOSITION:</b> Shellac resin Ethanol R11 CAS 64-17-5 < 5% Methanol CAS 67-56-1		<b>HAZARDS CLASSIFICATION:</b> <b>HIGHLY FLAMMABLE &amp; HARMFUL</b> <b>Possible risk of irreversible effects by inhalation and if swallowed</b> Keep out of reach of children Keep container tightly closed Keep away from sources of ignition – No smoking. If swallowed do not induce vomiting – seek medical assistance. Do not breathe vapour. Avoid contact with skin and eyes.	
<b>FIRST AID MEASURES:</b>			
<b>INHALATION:</b> Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If irritation or breathing difficulties persist, seek medical attention.	<b>SKIN CONTACT:</b> Wash off skin with warm soapy water. Remove contaminated clothing and launder regularly. Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.	<b>INGESTION:</b> Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Beware of aspiration if vomiting occurs. Seek prompt medical attention and show this data sheet.	<b>EYE CONTACT:</b> Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.
<b>FIRE FIGHTING MEASURES:</b> Recommended extinguishers – Dry powder; Foam, C02 – Do not use water jets. Hazardous decomposition when subject to combustion – will produce noxious, irritating fumes. Special procedures – Use approved self-contained breathing apparatus. Only use a fine water spray to cool down heat affected containers – not burning product.			
<b>ACCIDENTAL RELEASE MEASURES:</b> Ventilate area and eliminate all sources of ignition. Absorb, bund and scrape spillages onto sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for flammable products. Consult Protective Equipment section for advice when handling spillages.			
<b>HANDLING &amp; STORAGE:</b> Handling: Ensure adequate ventilation and use all recommended personal protective equipment Storage: Store in well-sealed, clearly marked containers. Keep out of reach of children in a cool well-ventilated environment preferably within a lockable metal cabinet. Use electrostatic earthing when pumping or pouring large volumes of flammable liquid. Isolate all nearby source of ignition (pilot lights etc.)			
<b>EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT:</b> <b>Occupational Exposure limit:</b> 1000ppm for 8hr TWA for Ethanol; 200ppm for Methanol – [ $< 5\%$ ]			
<b>Respiratory:</b> Good ventilation is required otherwise use an organic vapour filtered face mask in confined spaces.	<b>Hand:</b> Wear 17" long elbow length latex rubber (chlorinated) or nitrile gloves approved to EN 374 & EN 420 with a BTT rating of > 4 hrs.	<b>Eye:</b> BS 2092 Goggles should be worn for all applications to help prevent accidental face/eye contact	<b>Skin:</b> A disposable PVC apron should be worn on top of overalls, however if the fabric becomes contaminated these should be laundered immediately.

<b>PHYSICO-CHEMICAL PROPERTIES:</b>		
Appearance – Dark brown liquid Boiling point range – from 78°C Solubility – All polar solvents and partially in water Auto ignition temp – 422°C Specific gravity - 0.84 - 0.86 g/cm <sup>3</sup> Miscibility – oil and water Evaporation rate - = 0.75 (n-But Ac = 1)	Viscosity - 50 - 75 mm <sup>2</sup> /sec Odour - distinctive alcohol based odour Flash point - 13°C Flammability - lower limit = 4.3% by vol Flammability - upper limit = 19% by vol PH - n/a Oxidising properties - N/A	
<b>STABILITY &amp; REACTIVITY:</b> Stable – No dangerous chemical reactions known – hazardous polymerisation will not occur. Materials to avoid – Strong oxidising agents. Conditions to avoid – sources of ignition - Hazardous decomposition products are smoke and oxides of carbon.		
<b>TOXICOLOGICAL INFORMATION:</b> Routes of exposure – Inhalation, skin contact and ingestion. Health effect – prolonged inhalation may cause headaches and Depression of the CNS. Acute effects of inhalation – Narcotic effect. Ingestion - may lead to severe internal injury, liver damage and blindness Acute effects of skin contact – redness, irritation and sensitisation leading to dermatitis with persistent exposure.		
Acute toxicity: ingestion Irritation: Eye contact	Sensitisation: n/a Mutagenicity: n/a	Carcinogenicity: n/a Reproductive toxicity: n/a
<b>ECOLOGICAL INFORMATION:</b> Bio-accumulative potential – negligible due to high volatility resulting in rapid evaporation to air. Ecotoxicity: no data available Environmental Persistence – Inherently biodegradable - Will be removed within a waste-water treatment facility.		
<b>DISPOSAL CONSIDERATIONS:</b> Application equipment such as brushes and cloths will retain a flammability risk until they are either laundered or allowed to dry completely. Unused product and freshly contaminated application materials must be considered flammable and disposed of in accordance with local authority regulations for flammable liquids / paints.		
<b>TRANSPORT INFORMATION:</b> IMDG: PAINT, CLASS 3, UN1263, PGII, (14°C cc), MARINE POLLUTANT IATA / IACO: Class 3; Packing Group II; ADR / RID UN1263 PAINT, 3, PGII. Transport Name (UK Road) – Paint EAC No/ HIN No: 3YE/33		
<b>REGULATORY INFORMATION:</b> <b>CHIP Hazard symbols: R11; R68/20/21/22. – Highly Flammable; Harmful;</b> Possible risk of irreversible effects by inhalation; in contact with skin & if swallowed. Safety phrases: S1/2 – S7 – S16 – S24 – S25 – S36/37. <b>Other regulatory controls:</b> Health & Safety @ Work Act 1974; Control of Substances Hazardous to Health Regulations 1994. Environmental Protection Act 1990.		
<b>FURTHER INFORMATION:</b> The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.		