

SAFETY DATA SHEET

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PRINT DATE: 11/06/1998

REF: CPL200H

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

Product name: CLEAR PROTECTIVE LACQUER
Product code: CPL200H
Supplier: ELECTROLUBE
H.K. Wentworth Ltd.,
Wentworth House, Blakes Road,
Wargrave, Berkshire, RG10 8AW, United Kingdom.
Emergency telephone number: 0118 9404031 **Fax No:** 0118 9403084

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EC-No	Class	Weight %
~PROPAN-2-OL	67-63-0	200-746-9	F; R11 (Sweden: V; R320/322, R313)	< 30
N-BUTYL ACETATE	123-86-4	204-658-1	R10	< 20
DIMETHYL ETHER	115-10-6	204-065-8	F+; R12	< 40
NON HAZARDOUS CONSTITUENTS				< 20

3. HAZARDS IDENTIFICATION

Most important hazards: Extremely flammable.
Specific hazards: High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects. Prolonged skin contact may defat the skin and produce dermatitis. High concentration of vapours may induce unconsciousness / asphyxia. Rapid evaporation of the liquid may cause frostbite.

4. FIRST AID MEASURES

General advice: Remove from exposure, lie down. Do not give adrenaline or similar drugs.
Inhalation: Move to fresh air. Keep patient warm. Apply artificial respiration only if patient is not breathing. Consult a physician after significant exposure.
Skin contact: In case of contact with liquid, thaw frosted parts with water, then remove clothing carefully. Treat frostbitten areas as needed.
Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
Ingestion: Not applicable - gaseous material.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: small amounts Extinguish preferably with dry chemical.
Extinguishing media which must not be used for safety reasons: Do not use water jet.
Specific hazards: Do not extinguish a leaking gas flame unless absolutely necessary. Consult an expert. Fire or intense heat may cause violent rupture of packages. Water mist may be used to cool closed containers.
Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

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Specific methods: Consult an expert

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Evacuate personnel to safe areas. Remove all sources of ignition. Vapours are heavier than air and may spread along floors. Ensure adequate ventilation.

Environmental precautions: No special environmental precautions required.

Methods for cleaning up: Ensure adequate ventilation.

7. HANDLING AND STORAGE

Handling: Use only in well-ventilated areas. Do not breath vapours or spray mist. When using, do not eat, drink or smoke. Avoid contact with skin and eyes.

Storage: Store in a cool and shaded area. Ensure adequate ventilation. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name:	National occupational exposure limits: HSC(EH40)
~PROPAN-2-OL	Long term (8 hrs) = 400ppm / 999mgm ⁻³ Short term (15 min) = 500ppm / 1250mgm ⁻³
N-BUTYL ACETATE	Long term (8 hrs) = 150ppm / 724mgm ⁻³ Short term (15 min) = 200ppm / 966mgm ⁻³
DIMETHYL ETHER	Long term (8 hrs) = 400ppm/766mgm ⁻³ Short term (15 min) = 500ppm/948mgm ⁻³
NON HAZARDOUS CONSTITUENTS	

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- **Respiratory protection:** not required under normal use.
- **Hand protection:** not required under normal use
- **Eye protection:** safety glasses
- **Skin and body protection:** not required under normal use

Hygiene measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid		
Colour:	light brown		
Odour:	characteristic		
Flash point:		< 0	°C
Autoignition temperature:		425	°C
Explosion limits:	- lower	2.3	vol. %
	- upper	12	vol. %
Vapour pressure:	(20 °C)	44	hPa
Bulk density:		792	kg/m3
Solubility:			
Water solubility		immiscible	(g/l)
Viscosity:	(20 °C)	25	mPa.s

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Keep away from open flames / hot surfaces.

Materials to avoid: Acetylene, Cl₂, HCl, O₂.

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Hazardous decomposition products: No decomposition if stored and applied as directed.**11. TOXICOLOGICAL INFORMATION**

Acute toxicity: IPA: LD50/oral/rat = 5.05 g/kg
Butyl acetate: LD50/oral/rat = 14.1 g/kg

Local effects: May cause skin irritation in susceptible persons

Sensitization: May cause sensitization by skin contact

Long term toxicity: Liver injury may occur

Chronic toxicity: Effects of excessive exposures may include liver toxicity

12. ECOLOGICAL INFORMATION

Mobility: No data is available on the product itself

Persistence and degradability: Evaporates. No hazards deemed to be of major importance.

Bioaccumulation: Not applicable

Ecotoxicity effects: No data is available on the product itself

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Empty remaining contents. In accordance with local and national regulations.

Contaminated packaging: Do not pierce or burn even when empty

14. TRANSPORT INFORMATION

UN-No:	1950	Marine pollutant:	No
ADR/RID			
Class:	2	Item:	5° F
Proper shipping name:	Aerosol dispensers		
IMO			
Class:	2.1	IMDG Page:	2102
EmS:	2-13	MFAG:	310
Proper shipping name:	Aerosol dispensers		
ICAO			
Class:	2.1	UN/ID No:	1950
Proper shipping name	Aerosols, 30		

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

- Contains:
- Symbol(s):



F+ -
Extremely
flammable

R-phrases(s): R12 - Extremely flammable.

S-phrases(s): S3 - Keep in a cool place.. S9 - Keep container in a well-ventilated place.. S16 - Keep away from sources of ignition - No smoking. S33 - Take precautionary measures against static discharges..

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16. OTHER INFORMATION

Recommended use:

Recommended restrictions:

Revision number: 5

Further information: CN no: 32089010

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Department: Technical

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