



Chemical Products Division



SAFETY DATA SHEET

Press Master

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

PRODUCT NAME: Press Master

PART No.: 8146

APPLICATIONS: A Lithographic Fountain Solution

SUPPLIER: Varn Products Company Limited
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: 2-BUTOXYETHANOL 111-76-2	203-905-0	Xn R-20/21/22, 36/38	5-10 %
ETHANEDIOL 107-21-1	203-473-3	Xn R-22	5-10 %
PROPAN-2-OL 67-63-0	200-661-7	Xi ,F R-11, 36, 67	5-10 %

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS: An aqueous blend of solvents.

3. HAZARDS IDENTIFICATION:

Flammable.

4. FIRST AID MEASURES:

INHALATION: No hazard anticipated.

INGESTION: Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

EYES: 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 promptly if symptoms occur after washing.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Fire can be extinguished using: Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: 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.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Maintain good standards of hygiene and work practices. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

STORAGE CRITERIA: Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
2-BUTOXYETHANOL	111-76-2	OES	25 ppm(Sk)	50 ppm(Sk)
ETHANEDIOL	107-21-1	OES	52 mg/m ³ (Sk)	104 mg/m ³ (Sk)

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

PROTECTIVE GLOVES: No specific hand protection noted, but gloves may still be advisable.

EYE PROTECTION: No specific eye protection noted, but may be required anyway.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES: 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 wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Liquid.		
COLOUR:	Blue.		
ODOUR/TASTE:	Mild (or faint).		
BOILING POINT (°C, interval):	> 100	Pressure:	760mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):	1.01	Temperature (°C):	20
VAPOUR PRESSURE:	0.34 (Excluding water content) kPa	Temperature (°C):	20
pH-VALUE, CONC. SOLUTION:	4.0 - 4.5		
SOLUBILITY DESCRIPTION:	Soluble in water.		
FLASH POINT (°C):	42	Method:	CC (Closed cup).

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid excessive heat for prolonged periods of time.
HAZARDOUS DECOMP. PRODUCTS:	No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION:

SKIN:	Prolonged skin contact may cause irritation.
EYES:	Direct contact with the eyes may cause slight irritation.
HEALTH WARNINGS:	No specific health warnings noted. There is no specific data on the preparation but the product is formulated to avoid toxic, carcinogenic and mutagenic materials.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	Not regarded as dangerous for the environment. Volatile Organic Content (%) is equal to 20 - 25
MOBILITY:	Solubility in water: Soluble in water
BIO ACCUMULATION:	No data available.
DEGRADABILITY:	No data available.
ACUTE FISH TOXICITY:	No data available.
WATER HAZARD CLASSIFICATION:	Germany : WGK 1

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
WASTE CLASS:	Regulation 2000/532/EC - Chapter Heading: Waste from MFSU of fine chemicals and chemical products not otherwise specified - 070704. Description: Other organic solvents, washing liquids and mother liquors.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



UN No. ROAD:	1993
UK ROAD PACK GR.:	III
ADR CLASS:	Class 3: Flammable liquids.
ADR LABEL No.:	3
PROPER SHIPPING NAME I:	Flammable Liquid N.O.S.
PROPER SHIPPING NAME II:	Propan-2-ol
RID CLASS No.:	3
UN No. SEA:	1993
IMDG CLASS:	3
IMDG PACK GR.:	III
EmS No.:	3-07

15. REGULATORY INFORMATION:

NC Not classified

RISK PHRASES:	R-10 Flammable.
SAFETY PHRASES:	S-51 Use only in well ventilated areas. S-60 This material and its container must be disposed of as hazardous waste.
EU DIRECTIVES:	Dangerous Substances Directive (67/548/EEC). Dangerous Preparations Directive (1999/45/EC). Safety Data Sheets Directive (91/155/EEC) (As amended).
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

REVISION COMMENTS:	Year 2002 - Dangerous Preparations Directive/ Dangerous Substances Directive/ SDS Directive amendments
ISSUED BY:	Varn Products Laboratory
REVISION DATE:	19/10/02
REV. No./REPL. SDS GENERATED:	25/05/00
SDS No.:	2
DISCLAIMER:	The information in this material Safety Data Sheet is based on the present state of our knowledge and on the current EC and National Regulations. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or process. Nothing herein is to be construed as warranty, expressed or implied. It is always the responsibility of the user to take the necessary steps in order to fulfil the demands laid down in the rules and legislation. The product is for Industrial use only.
R-PHRASES (Full Text):	R-11 Highly flammable. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness. R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R-36/38 Irritating to eyes and skin. R-22 Harmful if swallowed.