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_	IDENTIFICATION OF SUBSTANCE PREDADATION AND COMPANY						
1.	IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY						
	TRADE NAME		SERIE 278-018				
	INTENDED USE		RETARDER FOR SCREEN PRINTING INK				
	MANUFACTURER		PRINTCOLOR SCREEN LTD. CH-8965 BERIKON  TEL ++41-(0)56-648 85 85 FAX ++41-(0)56-648 85 00				
	EMERGENCY INFORMATION		TELEPHONE NUMBER ++41-(0)44-251 51 51				
2.	COMPOSITION	COMPOSITION / INFORMATION ON INGREDIENTS					
	2.1 CHEMICAL	CHARACTER	RISTICS OF PRODUCT: MIX	TUTURE OF SOL\	/ENTS		
		2.2 SUBSTANCES PRESENTING A HEALTH HAZARD WITHIN THE MEANING OF GUIDE-LINES NO.67/548/EC OR ASSIGNED OCCUPATIONAL EXPOSURE LIMITS					
	CAS-No	DESIGNATION	ON ACCORDING TO EC GUIDE-LINES	CONCENTRATION WEIGHT-%	DANGERSYMBOL LETTER	R-PHRASES (*)	
	54839-24-6		propylacetat	> 30	-	10	
	7397-62-8	Butylhydrox	•	< 50	Xi V:	41	
	112-34-5	2-(2-Buloxy	ethoxy)ethanol	< 30	Xi	36	
	(*) CLEAR TEXT OF	I F <b>R</b> -PHRASES SE	EE SECTION 15 AND 16	l			
3.	HAZARDS I	DENTIFICA	TION				
	DANGER SIGN XI IRRITANT SPECIAL DANGER ADVICE Flammable; Risk of serious damage to eyes FOR PERSONS AND ENVIRONMENT						
4.	FIRST AID MEASURES						
	GENERAL		In all cases of doubt or if symptom by mouth to an unconscious procontaminated clothing.				
	INHALATION SKIN CONTACT EYE CONTACT		Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing ba mouth. If unconscious, place in the recovery position and seek medical advice.				
			Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skincleaner. DO NOT USE SOLVENTS OR THINNER.				
			Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.				
	INGESTION If accidentally swaalowed obtain immediate medical attention. Keep at rest. Do NO induce vomiting.				at rest. Do NOT		
5.	FIRE FIGHTI	FIRE FIGHTING MEASURES					
	EXTINGUISHING						
	RECOMMENDED EXTINGUISHING MEDIA NOT SUITABLE		Alcohol resistant foam, CO <sub>2</sub> , powder, water spray/mist  Waterjet				
	SPECIAL PROTE		Appropiate breathing apparatus m	ay be required			
	RECOMMENDAT	TIONS	Fire will produce dense black sn (see Section 10). Decomposition produced breathing apparatus m fire with water spray. Do not allow courses.	products may be a ay be required. C	hazard to health.	Appropriate self- ners exposed to	

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6.	ACCIDENTAL RELEASE MEASURES							
	PERSONAL PRECAUTIONS  ENVIRONMENTAL PRECAUTIONS		Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.					
			Do not allow to enter drains or water courses. If the product contaminates rivers, lakes and drains or soil, inform the responsible local authorities.					
	METHODS FOR CI UP / COLLECTING		Contain and collect spillages with non-co earth, vermiculite, diatomaceous earth and accordance with the waste regulations (see	place in a suitable container for d				
7.	HANDLING AND STORAGE							
	HANDLING							
	INFORMATION FOR SAFE HANDLING  INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES  STORAGE  REQUIREMENTS FOR STORAGE ROOMS AND CONTAINERS		Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations exceeding the occupational exposure limits. Moreover, the product should only be used in areas which have been cleared from direct light, fire and other sources of ignition. The product may charge itself electro-statically. Electrical equipment should be protected properly. When pouring the product into other containers, only ground mains should be used. It is recommended to wear antistatic clothing and foot wear. Use spark-proof tools. Avoid any contact with eyes or skin. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Follow legal protective and safety instructions. Vapours are heavier than air and may sread along floors. They may form explosive mixtures in combination with air. Preparations may charge electrostatically: Always use earthing leads when transferring from one container to another.					
			Electrical equipment should be protected to the appropriate standard. Floors should be of the conducting type. Keep container tightly closed. Never use pressure to empty: Container is not a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. No ressurized container.					
	ADVICE FOR COMBINED STORAGE		Store seperately from strong acid and alkaline materials as well as from oxidizing agents.					
	FURTHER ADVICE FOR STORAGE		Store at a cool and well ventilated place. Avoid heating and direct sunlight. Keep away from flammable matters and observe instructions on the labels. Always keep in containers of same material as the original one.					
8.	EXPOSURE C	ONTROL	/ Personel Protection					
	ENGINEERING M	EASURES						
	Provide adequate ventilation. Where reasonably practicable this should be achieved by use of local exhaust ventilation good general extration. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below relevant occupational exposure limits, suitable respiratory protective equipment should be worn. (See 'Personal protection).  Components with Critical Values that Require Monitoring at the Workplace (Exposure Limits)				below the			
					ITS)			
	CAS-No.		ATION ACCORDING TO EC GUIDE-LINES	OCCUPATIONAL EXPOSURE LIMITS	Unit			
	54839-24-6		2-propylacetat	-	-			
	7397-62-8	Butylhydro		-	-			
	112-34-5	∠-(≥-Buto)	(yethoxy)ethanol	20	ppm			

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SUVA/Switzerland regarding occupational exposure limits.

The above values have been taken from the valid list (f.e.TRGS 900) of the Federal Republic of Germany or from the Regulations of

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	PERSONAL PRO					
	<b>RESPIRATORY</b> PROTECTION If the solvent vapour concentration exceed the exposure limits, the use of breat apparatus is practical or necessary (breathing protection measures)					
	SKIN PROTECTIO	Use protective gloves, e.g. Neoprene. At lasting or repeated contact of the product with the skin, use protecting emulsions. Observe recommendations of the manufacturer. After washing hands replace lost skin fat by fat containing skin creams				
	EYE PROTECTION	Safety glasses as protection against splashes of solvents should be worn.				
	BODY PROTECTION	ON Cotton or cotton/synthetic overalls or coveralls are normally suitable. Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of body should be washed after contact.				
9.	PHYSICAL AN	AL AND CHEMICAL PROPERTIES				
	Form liquid Color colorless-transparent Odour specific, like solvents Value Unit Method					
	Boiling point	> 155 °C				
	Flash point	> 55 °C Abel-Pensky				
	Viscosity	app. 10 mPas (23℃)				
	Density	0,98 g/cm³ (23°C)				
	pH-Value Content of solve	n.a. ent 100 Weight-%				
	Explosion limit	Lower 1,5 Upper 9,5 Vol% (solvent)				
	Solubility in wat					
10.						
	STABILITY Stable under the recommended storage and handling conditions (see Section 7).					
	CONDITIONS TO A	<b>AVOID</b> Keep away from oxidising agents and strongly alkaline and strongly acids to prevent the possibility of exothermic reaction.				
	DANGEROUS PRO OF DECOMPOSITI	, , , , , , , , , , , , , , , , , , , ,				
11.	TOXICOLOGICAL INFORMATION					
	There is no data available on the product itself. It is formulated within the SBPIM's guidelines on materials for exclusion from printing inks and varnishes. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the rental and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme casas loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.					
12.	Ecological	ECOLOGICAL INFORMATION				
	There is no data available on the product itself. The product should not be allowed to enter drains or 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.					
13.	DISPOSAL CO	ONSIDERATIONS				
	WASTE KEYS	VeVA-code 070704 Country Switzerland Waste key 070704 Country EC				
	PACKAGING	The container and packaging materials are recycable according to the local prescriptions and				

UNDER THE CONTROL OF POLLUTION ACT AND THE ENVIRONMENTAL PROTECTION ACT.

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INCLUDING EMPTIED CONTAINERS, ARE CONTROLLED WASTES AND SHOULD BE DISPOSED OF IN ACCORDANCE WITH REGULATIONS MADE

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14.	TRANSPORT INFORMATIONS						
	Declarations according to the transport regulations for road (ADR), rail (RID), sea (IMO) and air (ICAO / IATA) transport.						
	LAND TRANSPORT	UN Number : 1210 ADR-Class 3 (Sondervorschrift 640 E) Transp. Designations: Printing ink related material Package group : III					
	MARITIME TRANSPORT	UN Number: 1210 IMO-Class 3 EmS-Nr. F-E, S-D Transp. Designations Printing ink related material Package group III Warning 3 Marine pollutant no					
	AIR TRANSPORT	UN Number : 1210 IATA/ICAO-Class 3 Transp.Designations Printing ink related material					
		Package group III					
5.	REGULATORY INFORMATION						
	CLASSIFICATION ACC	ORDING TO EEC DIRECTIVES					
	DANGER SYMBOL Xi DANGER DESIGNATION Irritant HAZARD DETERMINING COMPONENTS OF LABELLING 1-Ethoxy-2-propylacetat; Butylhydroxyacetat						
	R-PHRASES 10 41	Flammable Risk of serious damage to eyes					
	S-PHRASES 16 24/25 29 60	Keep away from sources of ignition – No smoking Avoid contact with skin and eyes Do not empty into drains This material and ist container must be disposed of as hazardous waste					
	CLASSIFICATION ACCORDING TO BAG (SWITZERLAND) AND GERMAN DIRECTIVES						
	CH-SZID	See also label					
	LUFTREINHALTEVERORD IMMISSIONSSCHUTZ BRANDSCHUTZ WASSERHAUSHALT	NUNG         LRV-class         1         %         2         3         100         %           TA-Luft         100         %           VbF-class         N.E.         BVD-class         N.E.           WGK         (self-assessment)         1					
	THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET DOES NOT CONSTITUTE THE USER'S OWN ASSESSMENT OF WORKPRISKS AS REQUIRED BY OTHER HEALTH AND SAFETY LEGISLATIONS. THE PROVISION OF THE HEALTH AND SAFETY AT WORK ETC.  ACT AND THE CONTROL SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS APPLY TO THE USE OF THIS PRODUCT AT WORK.						
6.	OTHER INFORMAT	IONS					
	R-Phrases see also Section 15,  10 Flammable  36 Irritating to eyes  41 Risk of serious damage to eyes						

THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET IS PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CHIP 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 HANDLING INSTRUCTIONS. AS THE SPECIFIC CONDITIONS OF USE OF THE PRODUCT ARE OUTSIDE THE SUPPLIER'S CONTROL, THE USER IS RESPONSIBLE FOR ENSURING THAT THE REQUIREMENTS OF RELEVANT LEGISLATION ARE COMPLIED WITH. THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET IS BASED ON THE PRESENT STATE OF KNOWLEDGE AND CURRENT NATIONAL LEGISLATION. IT PROVIDES GUIDANCE ON HEALTH, SAFETY AND ENVIRONMENTAL ASPECTS OF THE PRODUCT AND SHOULD NOT BE CONSTRUED AS ANY GUARANTEE OF TECHNICAL PERFORMANCE OR SUITABILITY FOR PARTICULAR APPLICATIONS.

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