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1.	IDENTIFIC	ATION OF S	UBSTANCE, P REPARA	TION AND CO	OMPANY				
	TRADE	NAME	SERIES 700-HDA						
	INTENDED	USE	HARDENER FOR 2-C	OMPONENT F		G INKS			
	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 ++4	1-(0)44-251 51 8	51 Tox-Zenter Zi	ürich			
2.	COMPOSITION / INFORMATION ON INGREDIENTS								
	 2.1 CHEMICAL CHARACTERISTICS OF PRODUCT: ALIPHATIC ISOCYANATE 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 A	CCORDING TO EC GUIDE-LINES	CONCENTRATION WEIGHT-%	DANGERSYMBOL LETTER	R-PHRASES (*)			
	822-06-0	HEXAMETHYLEN	IE-1,6-DIISOCYANATE	< 0,15	Т	23-36/37/38-42/43			
	108-65-6		METHYLETHYLENEEACETATE	< 75	Xı	10-36			
	(*) CLEAR TE	XT OF R-PHRASE	S SEE SECTION 15 AND 16						
3.	HAZARDS	IDENTIFICA	TION						
	DANGER SIG SPECIAL DAI FOR PERSON ENVIRONMEN	NGER A DVICE IS AND	XI, IRRITANT Irritating to eyes Flammable - contains Isocyanates-						
4.	FIRST AID	D MEASURES	3						
	GENERAL		In all cases of doubt or if anything by mouth to an remove all contaminated clo Bemove to fresh air keep t	unconscious peothing.	erson; call a ph	ysican. Immediately			
	INHALATION		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.						
	SKIN CONTA	АСТ	Remove contaminatedclothing. Wash skin thoroughly with soap and water or use a proprietary skincleaner. DO NOT USE SOLVENTS OR THINNER.						
	EYE CONTA	ст	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 NOT induce vomiting.						
5.	FIRE FIGHTING MEASURES								
	EXTINGUISHING MEDIA								
	RECOMMEN	DED	Alcohol resistant foam, CO2, powder, water spray/mist						
	EXTINGUISH	ING MEDIA	Wateriet exothermic react	ion with water n	ossible				
	SPECIAL PROTECTION Appropriate breathing apparatus may be required								
	KECOMMENI	RECOMMENDATIONS Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighthing to ente drains or water courses.							

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6.	ACCIDENTAL RELEAS	E 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 CLEANING UP / COLLECTING	Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container. The contaminated area should be cleaned up immediately with a suitable decontaminant. One possible (flammable) decontaminant comprises: Water (45 parts by volume)/ethanol or isopropanol (50 parts)/conc. (d:0.880) ammonia solution (5 parts). A non-flammable alternative is sodium carbonate (5 parts)/water (95 parts). Add the same decontaminant to any residues and allow to stand for several days in a non-sealed container until no further reaction occurs. once this stage is reached, close the container and dispose of in accordance with the waste regulations (see Section 13). Do not allow to enter drains or water courses.						
7.	HANDLING AND STORAGE							
	HANDLING							
	INFORMATION FOR SAFE HANDLING Prevent the creation of flammable or explosive concentrations of vapour in air and vapour concentrations exceeding the occupational exposure limits. Moreover, the p should only be used in areas which have been cleared from direct light, fire and sources of ignition. The product may charge itself electro-statically. Electrical equ should be protected properly. When pouring the product into other containers, only mains should be used. It is recommended to wear antistatic clothing and foot weat spark-proof tools. Avoid any contact with eyes or skin. Smoking, eating and drinking be prohibited in areas of storage and use. For personal protection see Section 8. legal protective and safety instructions.							
	INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES	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.						
	STORAGE							
REQUIREMENTS FOR STORAGE ROOMS AND CONTAINERS Electrical equipment should be protected to the appropriate star of the conducting type. Keep container tightly closed. Never Container is not a pressure vessel. No smoking. Prevent Containers which are opened must be carefully resealed and leakage. No ressurized container.				o empty: access.				
	Advice For Combined Storage	Store seperately from strong acid and alkaline materials as well as from oxidizing agents, amines, alcohols and water.						
FURTHER ADVICE FOR STORAGEStore at a cool and well ventilated place. Avoid heating and direct sunlight. from flammable matters and observe instructions on the labels. Alwa containers of same material as the original one.								
8.	EXPOSURE CONTROL / PERSONEL PROTECTION							
	ENGINEERING MEASURES							
	Provide adequate ventilation. Where reasonably practicable this should be achieved by use of local exhat and good general extration. If these are not sufficient to maintain concentrations of particulates and/or so below the relevant occupational exposure limits, suitable respiratory protective equipment should be 'Personal protection' below).							
	COMPONENTS WITH CRITICAL VALUES THAT REQUIRE MONITORING AT THE WORKPLACE (EXPOSURE LIMITS)							
		IATION ACCORDING TO EC GUIDE-LINES	OCCUPATIONAL EXPOSURE LIMITS	Unit				
		HYLENE-1,6-DIISOCYANATE	0,005	ppm ppm				
	108-65-6 2-Methox	y-1-methylethyleneacetate	50	ppm				
	The above values have been taken from the valid list (f.e.TRGS 900) of the Federal Republic of Germany or from the Regula SUVA/Switzerland regarding occupationalexposure limits.							

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	PROTECTION	If the solvent vapour concentration exceed the exposure limits, the use of breathin					
		apparatus is practical or necessary (breathing protection measures)					
	SKIN PROTECTION Use protective gloves, e.g. Neoprene. At lasting or repeated conta with the skin, use protecting emulsions. Observe recommendation manufacturer. After washing hands replace lost skin fat by fat contain						
	EYE PROTECTION						
	BODY PROTECTION						
9.	PHYSICAL AND CHEMICAL PROPERTIES						
	Form liquide						
	Color	transparent					
	Odour	like solvents					
		Value Unit Method					
	Boiling point	> 150 °C					
	Flash point	app. 55 °C					
	Viscosity	255 mPas (23°C)					
	Density pH-Value	1,065 g/cm³ (23℃) n.a.					
	Content of solvent	< 75 Weight-%					
	Explosion limit	Lower 1,5 Upper 10,8 Vol% (solvent)					
	Solubility in water	Reaction with water at 23 °C					
10.	STABILITY AND REACTIVITY						
	STABILITY	Stable under the recommended storage and handling conditions (see Section 7).					
	CONDITIONS TO AVOID Keep away from oxidising agents and strongly alkaline and strongly acids to prevent possibility of exothermic reaction. Uncontrolled exothermic reactions occur with amines a alcohols. The product reacts slowly with water resultiong in evolution of carbonic dioxide closed containers, pressure build up could result in distortion, blowing and in extreme cas bursting of the container.						
	DANGEROUS PRODUC OF DECOMPOSITION	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produce.					
11.	TOXICOLOGICAL INFORMATION						
	There is no data available on the product itself. It is formulated within the SBPIM's guidelines on materials for exclusion fro 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. Sympton include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme casas loss of consciousness. Repeate 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 INFORMATION						
	There is no data available on the product itself. The product should not be allowed to enter drains or water courses deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made und Environmental Protection Act may apply to the use of this product.						
13.	DISPOSAL CONSIDERATIONS						
		VA-code 080501 Country Switzerland Iste key (acc.TA-Abfall) 080302 Country EU					

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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		1866	ADR-Class solution IMO-Class 3.3 EmS-Nr. F-E, S-D solution						
	Transp. Designations: Package group									
			1966		01444	0.0	- - - - - - - - - -			0 0
	MARITIME TRANSPORT	UN Number : Transp. Designations	1866 Resin s			3.3	Ems	S-INr.	F-E	, S-D
		Package group	III	War						
		Marine pollutant	no		0					
	AIR TRANSPORT		1866		A/ICAO-	Class	3			
		Transp.Designations	Resin s	solution	ר					
		Package group								
15.	REGULATORY INF	ORMATION								
		ORDING TO EEC DIRECT	FIVES							
	DANGER SYMBOL DANGER DESIGNATION	Xi Irritant								
	HAZARD DETERMINING									
	COMPONENTS OF LABE	,	ethylethy	lenead	cetate; l	socyana	ate			
	R-PHRASES 36	Irritating to eyes	5							
	10Flammable43May cause sensitization by skin contact									
	S-PHRASES 24/25	Avoid contact w		•		51				
	29/56 Do not empty into drains, dispose of this material and its container at						r at			
		hazardous or sp		aste co	llection	point				
_	37	Wear suitable g								
		ORDING TO BAG (SWITZ	ZERLAN	D) AND	GERM					
	CH-SZID LUFTREINHALTEVERORD	NUNG LRV-class	1	%		See : 2	also lab %		< 75	%
	IMMISSIONSSCHUTZ	TA-Luft	i	%			75 %	ш		%
	BRANDSCHUTZ		N.E.		BVD-cla	ass N.I	Ξ.			
	WASSERHAUSHALT	,	ssessm	,	1					
	THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET DOES NOT CONSTITUTE THE USER'S OWN ASSESSMENT OF WORKPLACE									
	RISKS 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.									
16.	OTHER INFORMAT	IONS								
	R-Phrases (see also Section	15)								
	10 Flammable									
	23 TOXIC BY INHALATION									
	36 Irritating to eyes	TION BY INHALATION AND SKIN CO								
THE IN		TION BY INHALATION AND SKIN CC THIS SAFETY DATA SHEET IS		D IN AC	CCORDAN	CE WITH	THE REC	UIREM	ENTS OF	THE CHIP
Regul	ATIONS. THE PRODUCT SHOU	LD NOT BE USED FOR PURPOS	ES OTHER	THAN T	HOSE SHO	OWN IN SI	ECTION 1	WITHO	JT FIRS	r 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									
		6 GUIDANCE ON HEALTH, SAFE								
CONST	RUED AS ANY GUARANTEE OF	TECHNICAL PERFORMANCE OR	SUITABILI	TY FOR F	PARTICUL	AR APPLIC	ATIONS.			