MATERIAL SAFETY DATA SHEET

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		Updated : Apr	r. 01, 2002		
UVR – 110W N85		MSDS No : M	MSDS No : M-U-01		
SECTION 1	IDENTIFICATI	ON			
MANUFACTURE	TAIYO INK MFG. CO., (KOREA) LTD TEL (031) 491 - 9250 1058-8,SIN GIL DONG, ANSAN CITY, FAX (031) 492 - 2710 KYUNG GI-DO REPUBLIC OF KOREA FAX (031) 492 - 2710				
DISTRBUTOR					
EMERGENCY CONTRA	CT TEL (031) 491 - 9250				
SECTION 2	COMPOSITION/INFORMA	ATION ON INGREDIEN	TS		
INGREDIE	NTS CAS N	No. CONTENTS(%)	OSHA (PEL) U.K	ACGIH (TLV) U.K	
Trimethylolpropane triac	rylate. 15625-8	89-5 <15%	U.K U.K	U.K U.K	
2-Hydroxy ethylmethcary			U.N	U.N	
Triallyl cyanurate	101-37	7-1 <2%			
SECTION 3	HAZARDS IDENTIH	FICATION			
INHALATION	: Highly concentrated vap May cause headache and		and lungs;		
EYE CONTACT	: Slight irritation.	allemess.			
SKIN CONTACT	: Slight irritation.				
INGESTION	: Harmful, if swallowed.				
SECTION 4	FIRST AID MEA	SURES			
SKIN CONTACT	: Wash with plenty of stop	p and water. Do not us	e organic sol	lvents.	
EYE CONTACT	: Rinse immediately with	water for at least 15 min	-		
INITIAT APPEAN	If irritation persists, seek	medical attention.			
INHALATION	: Move to fresh air. If irritation persists, treat	t with ovugen and goals r	nadical attan	tion	
	II IIII IIII persists, treat	i wini oxygen and seek f	neurear atten	u011.	

SECTION 5 FIRE-FIGHTING MEASURES		
SUITABLE EXTINGUISHING MEDIA	: Carbon dioxide, form, dry powder.	
UNSUITABLE EXTINGUISHING MEDIA	: Water mist and jet.	
EXPOSURE HAZARDS	: Burning may release oxides of carbon, nitrogen, sulphus	
	and other toxic gases or vapours. Do not release che- micaly contaminated water into drains or surface water. Dispose of contaminated waters and soil according to local regulations.	
PROTECTIVE EQUIPMENT		
FOR FIREFIGHTERS.	: Use full protective clothing and self-contained breathing apparatus.	
MEASURES	: Promptly move transferable containers to another safety area. Check the speed of fire. Check the spread of fire. Extinguish the fire with suitable extinguisher the wind- ward side.	

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION.

SECTION 6

ENVIRONMENTAL PRECAUTION METHODS FOR CLEANING

clothing . Avoid inhalating vapor.
: Prevent contamination of soil, drains and surface water.
: Scoop up or absorb into combustible material, wipe out a stain in use organic solvents. Dispose in accordance with local regulations.

: Avoid ignition sources, contact with skin, eyes and

SECTION 7	HANDLING AND STORAGE
HANDLING	: Handle with care. Avoid ignition sources. Ensure good ventilation and local exhaust. Do not smoke at the workplace.
STORAGE	: Store in the original sealed container at less than 20 . Avoid direct exposure to UV and sunlights.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

People who know they are chemically sensitive, should avoid contact with this product.TECHNICAL PROTECTIVE MEASURES.: No special safety measures required.EXPOSURE CONTROLS LIMITS: (See TLV values shown in section 2)RESPIRATORY PROTECTION: Wear suitable mask to avoid inhalation of vapor.HAND PROTECTION: Wear chemical resistant gloves.EYE PROTECTION: Wear safety glasses.SKIN PROTECTION: Wear suitable protective working cloths.

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SECTION 9	PHYSICAL AND C	CHEMICAL PROPER	TIES
BOILING POINT	: N.A	COLOR	: White
EXPLOSIVE PROPERTIES	: N.E.	FORM	: Liquid
VAPOUR PRESSURE	: N.E.	ODOR	: N.E.
SOLUBILITY IN WATER	: N.E.	EVAPORATIO	
VAPOUR DENSITY	: N.E	SPECIFIC GR	
* Data of the organic so	olvent or monom	ers contained in t	his product is quoted.
SECTION 10	STABILITY	AND REACTIVITY	
STABILITY		: Stable	
CONDITIONS TO AVOID		: Heat and sunlight	
MATERIALS TO AVOID		: Strong acids, stron	g bases, peroxides and
HAZARDOUS DECOMPOS	ITION PRODUCT	strong oxidizing age	ents.
		: Burning may relea	se oxides of carbon nitrogen,
		sulphur and other to	oxic gases or vapors.
SECTION 11	TOXICOLO	GICAL INFORMATIO	DN
PRIMARY ROUTE(S) OF E	NTRY		
DERMAL	INF	IALATION	INGESTION
TOXICITY STUDIES		: Toxicity studies ha	we not been carried out on this
		material. Toxicity in	nformation available for the
		products listed in se	ection 2 is given below.
HEALTH HAZARDS		1	
ACUTE INGESTION	TOXICITY	: N.E.	
ACUTE SKIN IRRIT.	ATION	: 2-Hydroxy ethyl n	nethacrylate PII 6-7.5
MUTAGENCITY		: None	
(Ep	oxy resin mentione	d here may couse mu	tagencity)
CARCINOGENICITY			generally,
NTP	IARC	OSHA	NOT LISTED
Silica Crystalline ment	tioned at Section 2 i	is classified to a carci	nogen, because of the specific
•			rs, due to the direct inhalation.
-		•	which is furnished in a liquid
	-		_
			ion of Silica Crystallin itself. This
material furnished in a		has no potential to cau	use any Lung cancers.
SYSPTOMS OF OVER EXP	USUKE	· Clight imitation to -	anningtony tract Highly concentra
INHALATION		0	espiratory tract. Highly concentra-
EYES		: Slight irritation.	headaches, dizziness and nausea.
SKIN		0	Frequent or prolonged exposures
SKIIN		U	
INGESTION		may cause dermatit	
IINOLOIIUN		. Expected to have	a low order of toxicity.

SECTION 12

ECOLOGICAL INFORMATION

ACUTE FISH TOXICIT: Ecological data are not available.BIODEGRADABILITY: U.K.

SECTION 13

DISPOSAL CONSIDERRATION

Incineration or landfill in accordance with local regulation.

SECTION 14

TRANSPORT INFORMATION

ADR	: Inflammable liquid	
IMDG-CODE	: Free	
IATA	: Free	
US DOT	: Combustible liquid	
UN	: Free	
FLASH POINT	:>110 (Seta CC)	

SECTION 15	REGULATORY INFORMATION
EEC LABELING	: Xi = Harmful.
RISK PHRASES	: R43 – May cause sensitization by skin contact.
SAFETY PHRASES	 : S26 – In case of contact with eyes, rinse immediately with plenty of (to be specified by the manufacturer). S28 – After contact with skin, wash immediately with plenty of (to be specified by the manufacturer).
TSCA/ENIECS	: Substances contained in this product are listed on the TSCA/ EINECS inventories.
SECTION 16	OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. It may not be valid for this material, if used in combination with any other materials.

Data provided in Section 11, 12 and 15 are quoted from raw material's MSDSs.